

WZTV
CHILDREN'S PROGRAMMING
ANNUAL REPORT 2022

I. FULL-LENGTH CHILDREN'S CORE PROGRAMMING

EDUCATIONAL AND INFORMATIONAL PROGRAMMING

- ✦ PROGRAM TITLES
- ✦ PROGRAM LENGTHS
- ✦ PROGRAM DESCRIPTIONS

II. Children's Educational Specials, Standard Length

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CHILDREN'S CORE PROGRAMMING

WZTV- ANNUAL REPORT 2022

XPLORATION DIY SCI - TARGETS AGES 13-16 YEARS

Aired: SUNDAYS @ 6:00AM -- A HALF HOUR PROGRAM

Host Steve Spangler shows viewers that the world is their laboratory. He uses "everyday" items to turn the world around him into a fun and unexpected laboratory. In each episode, Spangler will demonstrate science experiments and explain how they connect to real-world innovations.

TEEN KIDS NEWS – TARGETS AGES 13-16

Aired: SATURDAYS @ 6:30AM -- A HALF HOUR PROGRAM

This program features weekly educational features, such as "College and You" (tips for choosing and getting into college), and "Word" (vocabulary skills training), as well as informational features for teens: reports about healthy eating, driving tips for new drivers, and internet predators. The program has been designed to meet needs of children and young adolescents with a unique curiosity about their world, with weekly headlines that present the news in a teen-appropriate manner. The program stimulates the viewer's curiosity, develops learning, cognitive, listening and thinking skills, and serves as an enhancement to the viewer's academic and educational experience.

XPLORATION LIFE 2.0 - TARGETS AGES 13-16 YEARS

Aired: SATURDAYS @ 7:00AM-- A HALF HOUR PROGRAM

This program is a high-end anthology miniseries that takes a deep and thought-provoking dive into a variety of topics - such as the future of human life extension, breakthroughs in interspecies communication, the rise of "cyborgism", existing in virtual reality, and more. By interviewing world-class scientists and researchers, as well as leading futurists like Dr. Michio Kaku, each half-hour episode reveals mind-blowing scientific breakthroughs... and then asks viewers to consider what these incredible discoveries might mean for their own lives in the future.

XPLORATION SCI Q – TARGETS AGES 13-16

Aired: SATURDAYS @ 7:30AM-- A HALF HOUR PROGRAM

In this program, Sci Q is a fun, entertaining pop science series that tests the audience's knowledge of all things science. It engages viewers with surprising facts, quizzes and opinions of many science topics. We interview six experts to guide us through diverse subjects, including our planet, outer space, animals, and many more science related subjects. Our experts include a Neuroscientist, Environmental Engineer, Wildlife Educator, Professor of Astrophysics and a Wildlife Biologist. They will all be part of this educational program to educate and entertain our viewers.

XPLORATION OUTER SPACE – TARGETS AGES 13-16
Aired: SATURDAYS @ 8:00AM-- A HALF HOUR PROGRAM

Each week, host Emily Calandrelli takes journeys through space that will both entertain and educate viewers. Ever wonder what it would be like to live in space or on a different planet? Emily shows viewers what it is like to try to perform everyday tasks while floating in zero gravity and living in a Mars-like habitat. Episodes feature space robotics, commercial space tourism, asteroids, the search for other life in space, and many other topics, including NASA-related programs as applicable to the episodes.

XPLORATION AWESOME PLANET – TARGETS AGES 13-16
Aired: SATURDAYS @ 8:30AM-- A HALF HOUR PROGRAM

Host Philippe Cousteau (grandson of famed undersea explorer Jacques Cousteau) brings energy to every location he visits while seeking to inspire and educate viewers in earth sciences. This program takes an in-depth look at the unique and distinct features on planet Earth, from magnificent mountains to erupting volcanoes. Viewers will not only behold the beauty of gigantic glaciers, but also discover why they formed and how they shaped our landscape. Geological experts share their wisdom with Philippe, as he strives to understand places on, inside, and above the Earth.

MEMORANDUM



TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD & MATT JAY
DATE: JULY 2022
RE: FCC OBJECTIVE LETTER - “**XPLORATION DIY Sci**”

XPLORATION DIY Sci – This show is part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION**.

Produced primarily for the 13-16 target audience, **XPLORATION DIY Sci** will inspire and educate audiences of all ages. Host, science educator, and leader in the field of professional educational training - Steve Spangler – encourages the discovery of scientific concepts through experiments viewers can do at home. With a fun, relaxed attitude, Steve will take viewers through step-by-step demonstrations of do-it-yourself experiments that amaze but which also relate back to solid principles of science.

For instance, Steve Spangler became nationally known with a video showing him dropping the candy “Mentos” into a bottle of diet soda. It erupts in a geyser of soda. On **XPLORATION DIY Sci**, Spangler demonstrates the experiment and also explains the science of why, on a molecular level, the soda reacts that way to the candy.

XPLORATION DIY Sci is a half-hour weekly E/I series produced with the intention of increasing and expanding our target audience’ interest in the field of STEM education. This series will help kids understand how they can discover the principles of science with items they can find in their very own home.

Steve Rotfeld Productions will provide a written synopsis of each episode for filing with our stations’ FCC Children’s Television Report. These write-ups will be emailed to stations on a quarterly basis. Also, each episode is close-captioned throughout.

If you need additional information, please feel free to contact us.

Sincerely,

Fern Rotfeld
Director of Syndication Sales
fern@rotfeldproductions.com or matt@rotfeldproductions.com

XPLOration DIY Sci

Episode Summary 2022

Program/episode	Date	Time	Duration	Summary
XDS: 118	01/01/2022	6AM	30	Mummies, dinosaurs and germs... Host Steve Spangler comes up with experiments you can do yourself, based on what's on display at the Denver Museum of Nature & Science. Plus, find out what happens when you mix 10,000 ping-pong balls with buckets of explosives.
XDS: 119	01/08/2022	6AM	30	Host Steve Spangler shows you wacky experiments where the science is smart, but the tricks are crazy. Like, how to make a can of potato chips fly. Or, how to survive a swinging bowling ball on a rope, aimed right at your head!
XDS: 120	01/15/2022	6AM	30	Host Steve Spangler shows you science you can eat! Discover new ways to create colorful, sweet dessert toppings, slimy spaghetti and even ice cream.
XDS: 121	01/22/2022	6AM	30	Host Steve Spangler performs his wild experiments live onstage in Tulsa, Oklahoma. He shows how to make a Toilet Paper Cannon and reveals the secret of creating fire from dust.
XDS: 122	01/29/2022	6AM	30	Steve Spangler is throwing a "science party" for his pal Higginsworth and you're invited. Find out how to create an invisible party invitation, your own science snacks like gummy worms and a volcano cake, and the messiest confetti poppers you'll ever see.
XDS: 123	02/05/2022	6AM	30	What happens when you set gummy bears on fire? Steve Spangler dishes up some sweet science with do-it-yourself experiments all using candy. You'll discover the secret hidden on every M&M plus a new way to harness the explosive power of Mentos and diet soda.
XDS: 124	02/12/2022	6AM	30	At Philadelphia's historic science museum – the Franklin Institute in Philadelphia, Pennsylvania – Steve Spangler and Higginsworth race through a giant heart as big as a room to trace the path of a red blood cell. And Steve shows you ways to discover more about your own heart, without having to go to a doctor.
XDS: 125	02/19/2022	6AM	30	You can turn your kitchen into your very own science lab. Steve Spangler cooks up experiments you can create in your kitchen – like movie stunt glass you can make from sugar, and flowers that turn crazy colors from ingredients in your cupboard.
XDS: 126	02/26/2022	6AM	30	Steve Spangler shows you projects you can create with freezing cold temperatures – like quick-freezing do-it-

Program/episode	Date	Time	Duration	Summary
				yourself popsicles and your very own fog machine. Plus, he explodes metal pipes to show the power of cold.
XDS: 127	03/05/2022	6AM	30	Steve Spangler visits the historic science museum – the Franklin Institute in Philadelphia, Pennsylvania. At a recreation of Ben Franklin’s legendary “Kite in a Lightning Storm” demonstration, Steve shows experiments you can do at home that will give you the power to control electricity in amazing ways.
XDS: 128	03/12/2022	6AM	30	It’s playtime on <i>DIY Sci</i> , as Steve Spangler shows you how to make science toys based on scientific principles. You can put together your very own simple flying device made from paper cups and a contraption that can seem to be controlled by your mind!
XDS: 129	03/19/2022	6AM	30	Miss America of 2020 – Camille Schrier – co-hosts <i>DIY Sci</i> with her friend Steve Spangler. With her training as a biochemist, Camille shows how to create a giant foaming batch of “Elephant’s Toothpaste” and she tells how her background in science led her to become the winner of the Miss America Pageant.
XDS: 130	03/26/2022	6AM	30	Host Steve Spangler shows you how to solve science challenges that seem impossible... but they’re not. Like how to stick a skewer through an inflated balloon without popping it. Plus, he challenges the myth that drinking soda with Pop Rocks will make your head explode.
XDS: 131	04/02/2022	6AM	30	Host Steve Spangler reveals the secrets behind some of his best science tricks. He shows how to create a toy that reads your mind and a balloon you can put in fire without popping it
XDS: 132	04/09/2022	6AM	30	From the amazing Science Museum Oklahoma, host Steve Spangler shows how to create ingenious inventions - like a washing machine robot that can paint. And a giant Chain Reaction Machine that can catch a person with a net!
XDS: 133	04/16/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore science experiments you can do in your own garage. Together they play the funny new game show - “Will It Float?” - to discover if a baby and a hot dog can float in a jet of air. And they try to figure out how to lift a 3,000 pound car with a plastic bag.
XDS: 134	04/23/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore new ways to create art, using science. They create crazy colorful pictures with paint and the power of

Program/episode	Date	Time	Duration	Summary
				explosive air. Then they build a walking pizza box that delivers itself!
XDS: 135	04/30/2022	6AM	30	Fourth grade teacher Sandra Sanchez has a problem – her class is a year behind in science after a season of virtual-only teaching. So, she’s asked educational expert and host of <i>DIY Sci</i> – Steve Spangler – for new ideas. With Ms. Sanchez’s help, Steve brings his fresh, fun science lessons and do-it-yourself science toys to share with the class. It’s a day that changes the lives of many of Ms. Sanchez’s students.
XDS : 136	05/07/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore the Museum of Science, Boston, for new do-it-yourself science tricks and experiments. Like, when someone from the museum aims a blowtorch at his smart phone, how can Higgins keep his phone from melting? Plus, the duo face the challenge of how to get 250 rubber ducks to fly.
XDS 137	05/14/2022	6AM	30	After years of feeling like he’s been the butt of all of Steve Spangler’s jokes, his sidekick Higginsworth threatens to leave unless Steve quits his pranks. Find out how Higgins turns the tables on his pal when Steve does the seemingly impossible and seals Higgins’ phone inside a soda bottle! And how can Higgins escape when Steve invents a toy car that seems designed to get Higgins soaked?
XDS: 138	05/21/2022	6AM	30	Host Steve Spangler gets messy with “slime.” He shows how to make it and how to turn it into art. Then, he discovers what happens when you drop a vat of slime from ten stories in the air!
XDS: 139	05/28/2022	6AM	30	Host Steve Spangler creates wild inventions and toys in a workshop garage. He shows how you can make a ping pong ball blaster that propels balls 400MPH and a fast but easy street luge.
XDS: 140	06/04/2022	6AM	30	Steve Spangler is throwing a “science party” for his pal Higginsworth and you’re invited. Find out how to create an invisible party invitation, your own science snacks like gummy worms and a volcano cake, and the messiest confetti poppers you’ll ever see.
XDS : 141	06/11/2022	6AM	30	What happens when you set gummy bears on fire? Steve Spangler dishes up some sweet science with do-it-yourself experiments all using candy. You’ll discover the secret hidden on every M&M plus a new way to harness the explosive power of Mentos and diet soda.

Program/episode	Date	Time	Duration	Summary
XDS: 142	06/18/2022	6AM	30	At Philadelphia's historic science museum – the Franklin Institute in Philadelphia, Pennsylvania – Steve Spangler and Higginsworth race through a giant heart as big as a room to trace the path of a red blood cell. And Steve shows you ways to discover more about your own heart, without having to go to a doctor.
XDS: 143	06/25/2022	6AM	30	You can turn your kitchen into your very own science lab. Steve Spangler cooks up experiments you can create in your kitchen – like movie stunt glass you can make from sugar, and flowers that turn crazy colors from ingredients in your cupboard.
XDS: 144	7/2/2022	6AM	30	Steve Spangler shows you projects you can create with freezing cold temperatures – like quick-freezing do-it-yourself popsicles and your very own fog machine. Plus, he explodes metal pipes to show the power of cold.
XDS: 145	07/09/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore science experiments you can do in your own garage. Together they play the funny new game show - "Will It Float?" - to discover if a baby and a hot dog can float in a jet of air. And they try to figure out how to lift a 3,000 pound car with a plastic bag.
XDS: 146	07/16/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore new ways to create art, using science. They create crazy colorful pictures with paint and the power of explosive air. Then they build a walking pizza box that delivers itself!
XDS: 147	07/23/2022	6AM	30	Fourth grade teacher Sandra Sanchez has a problem – her class is a year behind in science after a season of virtual-only teaching. So, she's asked educational expert and host of DIY Sci – Steve Spangler – for new ideas. With Ms. Sanchez's help, Steve brings his fresh, fun science lessons and do-it-yourself science toys to share with the class. It's a day that changes the lives of many of Ms. Sanchez's students.
XDS: 148	07/30/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore the Museum of Science, Boston, for new do-it-yourself science tricks and experiments. Like, when someone from the museum aims a blowtorch at his smart phone, how can Higgins keep his phone from melting? Plus, the duo face the challenge of how to get 250 rubber ducks to fly.
XDS: 149	08/06/2022	6AM	30	After years of feeling like he's been the butt of all of Steve Spangler's jokes, his sidekick Higginsworth threatens to leave unless Steve quits his pranks. Find out how Higgins

Program/episode	Date	Time	Duration	Summary
				turns the tables on his pal when Steve does the seemingly impossible and seals Higgins' phone inside a soda bottle! And how can Higgins escape when Steve invents a toy car that seems designed to get Higgins soaked?
XDS: 150	08/13/2022	6AM	30	Host Steve Spangler shows the easy way to make fun toys that fly. Star member of the U.S. Boomerang Team, Logan Broadbent, performs astonishing stunts with a boomerang.
XDS: 151	08/20/2022	6AM	30	At Science Museum Oklahoma, host Steve Spangler tricks volunteers into getting covered with paint in an explosive art project. Plus, ingenious science toys and experiments you can make at home.
XDS: 152	08/27/2022	6AM	30	In a workshop garage, host Steve Spangler creates wild science toys and inventions that seem to defy gravity. There's a tray that holds a bucket of water upside-down over your head without you getting wet. And a monster trebuchet that flings melons three hundred feet in the air.
XDS: 101	09/03/2022	6AM	30	Steve Spangler is throwing a "science party" for his pal Higginsworth and you're invited. Find out how to create an invisible party invitation, your own science snacks like gummy worms and a volcano cake, and the messiest confetti poppers you'll ever see.
XDS :102	09/10/2022	6AM	30	What happens when you set gummy bears on fire? Steve Spangler dishes up some sweet science with do-it-yourself experiments all using candy. You'll discover the secret hidden on every M&M plus a new way to harness the explosive power of Mentos and diet soda.
XDS: 103	09/17/2022	6AM	30	At Philadelphia's historic science museum – the Franklin Institute in Philadelphia, Pennsylvania – Steve Spangler and Higginsworth race through a giant heart as big as a room to trace the path of a red blood cell. And Steve shows you ways to discover more about your own heart, without having to go to a doctor.
XDS: 104	09/24/2022	6AM	30	You can turn your kitchen into your very own science lab. Steve Spangler cooks up experiments you can create in your kitchen – like movie stunt glass you can make from sugar, and flowers that turn crazy colors from ingredients in your cupboard.
XDS: 105	10/01/2022	6AM	30	Steve Spangler shows you projects you can create with freezing cold temperatures – like quick-freezing do-it-yourself popsicles and your very own fog machine. Plus, he explodes metal pipes to show the power of cold.

Program/episode	Date	Time	Duration	Summary
XDS: 106	10/08/2022	6AM	30	Steve Spangler visits the historic science museum – the Franklin Institute in Philadelphia, Pennsylvania. At a recreation of Ben Franklin’s legendary “Kite in a Lightning Storm” demonstration, Steve shows experiments you can do at home that will give you the power to control electricity in amazing ways.
XDS: 107	10/15/2022	6AM	30	Steve Spangler’s sidekick Higginsworth panics when he has to deliver a science fair project. But Steve gives him a bunch of practical and fun ways to be the best at Science Fair. Steve shows how to create experiments that prove the best way to shoot a soda geyser and how to prove if toast always lands butter-side-down.
XDS: 108	10/22/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth return to the Museum of Science, Boston, where they take simple demonstrations, they’ve done on DIY Sci and make them gigantic! Higgins becomes a human-sized balancing toy and Steve get locked in a cage that’s struck by lightning at the world’s largest Van de Graaf generator.
XDS: 109	10/29/2022	6AM	30	For first time in his career as an educator, host Steve Spangler is invited to teach a class of kids who are blind or visually impaired. But Steve is not sure he’s up to the challenge. Join Steve as he learns from a teacher who is blind and the students themselves how to bring DIY Sci to children without sight.
XDS: 110	11/05/2022	6AM	30	It’s playtime on DIY Sci, as Steve Spangler shows you how to make science toys based on scientific principles. You can put together your very own simple flying device made from paper cups and a contraption that can seem to be controlled by your mind!
XDS:: 111	11/12/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore science experiments you can do in your own garage. Together they play the funny new game show - “Will It Float?” - to discover if a baby and a hot dog can float in a jet of air. And they try to figure out how to lift a 3,000 pound car with a plastic bag.
XDS: 112	11/19/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore new ways to create art, using science. They create crazy colorful pictures with paint and the power of explosive air. Then they build a walking pizza box that delivers itself!
XDS: 113	11/26/2022	6AM	30	Fourth grade teacher Sandra Sanchez has a problem – her class is a year behind in science after a season of virtual-only teaching. So, she’s asked educational expert

Program/episode	Date	Time	Duration	Summary
				and host of DIY Sci – Steve Spangler – for new ideas. With Ms. Sanchez’s help, Steve brings his fresh, fun science lessons and do-it-yourself science toys to share with the class. It’s a day that changes the lives of many of Ms. Sanchez’s students.
XDS: 114	12/03/2022	6AM	30	Host Steve Spangler and his sidekick Higginsworth explore the Museum of Science, Boston, for new do-it-yourself science tricks and experiments. Like, when someone from the museum aims a blowtorch at his smart phone, how can Higgins keep his phone from melting? Plus, the duo face the challenge of how to get 250 rubber ducks to fly.
XDS: 115	12/10/2022	6AM	30	After years of feeling like he’s been the butt of all of Steve Spangler’s jokes, his sidekick Higginsworth threatens to leave unless Steve quits his pranks. Find out how Higgins turns the tables on his pal when Steve does the seemingly impossible and seals Higgins’ phone inside a soda bottle! And how can Higgins escape when Steve invents a toy car that seems designed to get Higgins soaked?
XDS: 116	12/17/2022	6AM	30	Host Steve Spangler reveals the secrets behind some of his best science tricks. He shows how to create a toy that reads your mind and a balloon you can put in fire without popping it.
XDS: 117	12/24/2022	6AM	30	From the amazing Science Museum Oklahoma, host Steve Spangler shows how to create ingenious inventions - like a washing machine robot that can paint. And a giant Chain Reaction Machine that can catch a person with a net!
XDS: 118	12/31/2022	6AM	30	Host Steve Spangler performs his wild experiments live onstage in Tulsa, Oklahoma. He shows how to make a Toilet Paper Cannon and reveals the secret of creating fire from dust.

Teen Kids News – FCC Credentials

Teen Kids News meets FCC requirements for “core children’s programming” by providing educational features such as, **“Flag Facts”** (info on our state flags); **“College and You”** (tips for choosing and getting into college), **“Word”** (vocabulary skills training), as well as informational features for teens, such as reports about healthy eating; driving tips for new drivers, and internet predators. The show has been designed to meet needs of children and young adolescents with a unique curiosity about their world. The Program stimulates the 1316 year olds’ curiosity, develops their learning and cognitive, listening and thinking skills, and serves as an enhancement of their academic and educational experience.

More than 10,000 schools are using TKN as part of their school curriculum and affiliate stations have already contacted school systems in that regard. The full scripts are available to provide easy access for teachers to use in their classrooms.

Advocacy group Children Now says broadcasters follow letter, not spirit of FCC's educational/informational standards.

By John Eggerton -- Broadcasting & Cable, 11/12/2008

Advocacy group Children Now says that only one in eight kids TV shows offered up by broadcasters as meeting the educational/informational (E/I) requirements of the FCC meet "high quality" standards for educational shows, and it wants the FCC to make its educational guidelines stronger and clearer.

It also wants the commission to monitor compliance and respond "quickly" to public complaints (like those filed by Children Now). The group called on broadcasters to improve the quality and availability of kids shows, including applying the six key criteria to their offerings (see below). It also asked parents to become more involved in their kids' TV watching and to complain if they think an E/I-certified show is not sufficiently E/I.

Children Now concedes that broadcasters are meeting "the letter" of the law, airing three hours of E/I programming, and even applauds them for it. But the group asks whether "their efforts truly live up to the spirit" of the Children’s Television Act and its children’s programming requirements, overseen by the Federal Communications Commission.

The FCC essentially allows broadcasters to self-certify that their E/I programs meet FCC requirements, including that the shows have education as "a significant purpose," that they are at least a half hour, that they air between 7 a.m. and 10 p.m. and that they air weekly.

That has produced some questionable, even embarrassing calls, like billing *The Flintstones* as a history lesson or a baseball pre-game show as educational because it teaches how to throw a curve ball.

TV stations are required to air at least three hours a week of educational/informational programming and to identify the shows to the FCC and in their public files.

The report, which is scheduled to be unveiled at a press conference in Washington Wednesday, at which FCC Commissioner Jonathan Adelstein is scheduled to speak, looks at the "quality" of the shows offered up as educational, something the FCC reporting requirement does not address.

Children Now says it measured the shows according to six criteria:

1. clarity, meaning how explicitly is the educational element presented
2. integration, or how often the lesson is repeated
3. involvement, which means how engaging is the educational element
4. applicability, or how the lesson is connected to the real world
5. importance, meaning not how important to the story but how important is the lesson to children's development
6. positive reinforcement, or to what degree is learning rewarded.

Each show--120 episodes from 24 "representative markets" were analyzed--was given a up to three points in each category, with an 0-6 score labeled "minimally educational," a 7-10 score deemed moderately educational, and an 11 or 12 score considered highly educational. Media researchers Dale Kunkel of the University of Arizona and Kristin Drogos of the University of Illinois did the analysis.

By that measure, only 12 shows got the highest score, while 21 were minimally educational, with the rest getting the lowest score. Children Now also says most broadcasters are only doing the minimum three hours (59%). Kunkel is a familiar figure to broadcasters. He is a long-time critic of broadcasters' children's programming and has testified numerous times about the need for more educational "educational" children's shows.

One station singled out with high marks was Raycom's MyNetworkTV affiliate in Honolulu, KFVE, which airs 5.5 hours per week, with shows like *Where on Earth is Carmen Sandiego* and *Beakman's World*, and programming every day but Sunday.

The eight shows that were determined to be of the highest educational content were evenly divided among commercial and noncommercial shows with four apiece: *Sesame Street*, *Between the Lions*, *Cyberchase*, and *Fetch! With Ruff Ruffman* (PBS) and *Beakman's World*, *3-2-1 Penguins*, *The Suite Life of Zack and Cody*, and ***Teen Kids News***.

TEEN KIDS NEWS

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
Teen Kids News: 1918	01/01/2022	06:30AM	30	Tips for applying to college; actor and author Arden Pala; electronics featured at the Consumer Electronics Show.
Teen Kids News: 1919	01/08/2022	06:30AM	30	Things made from recycled plastics; managing a credit card; TikTok's K3 Sisters.
Teen Kids News: 1920	01/15/2022	06:30AM	30	Whether to take high school AP classes; fruit roll ups.
Teen Kids News: 1921	01/22/2022	06:30AM	30	How striving to be perfect can be harmful; tips on getting financial aid for college; Prom Prep 101; making pea pesto pasta.
Teen Kids News: 1922	01/29/2022	06:30AM	30	The job of an aircraft mechanic; Skype; Picasso; a teen step up to help others; rising star Kate Angel.
Teen Kids News: 1923	02/05/2022	06:30AM	30	All-terrain vehicle safety; the annual Drive2Life PSA Contest; the New Jersey Symphony Orchestra's "Concert for Peace."
Teen Kids News: 1924	02/12/2022	06:30AM	30	Coping with anxiety; a show uses shadows to bring an ancient culture to light; Chicago Auto Show.
Teen Kids News: 1925	02/19/2022	06:30AM	30	The cost of college; the pros and cons of student loans.
Teen Kids News: 1926	02/26/2022	06:30AM	30	Learning to write programs for computers; Rising Star: Elle Townley; a recipe that includes fruits and vegetables.
Teen Kids News: 1927	03/05/2022	06:30AM	30	The impact of COVID on schools and team sports; a teen raises funds for people who need wheelchairs.
Teen Kids News: 1928	03/12/2022	06:30AM	30	A scholarship guru has tips on getting a higher education; Prom Prep 101.
Teen Kids News: 1929	03/19/2022	06:30AM	30	The National Road Safety Foundation's Drive Safe Contest; smart investing; study tips.
Teen Kids News: 1930	03/26/2022	06:30AM	30	Learning leadership, self-discipline and other important life skills through music; study tips.
Teen Kids News: 1931	04/02/2022	06:30AM	30	The history of the Miss America competition; a spinach stuffed mushroom recipe.

Program/episode	Date	Time	Duration	Summary
Teen Kids News: 1932	04/09/2022	06:30AM	30	Looking at whether college is worth the expense; tech for moms; the New York Auto Show.
Teen Kids News: 1933	04/16/2022	06:30AM	30	Finance; how fast Earth is moving; keeping plants from dying; the prefix in-; speeding; dangers of vaping; stolen library books; sister-and-brother singing stars.
Teen Kids News: 1934	04/23/2022	06:30AM	30	The COVID-19 pandemic; the TV series "All-Round Champion."
Teen Kids News: 1935	04/30/2022	06:30AM	30	The winner of the DriveSafe D.C. PSA Contest; learning about stocks and bonds; study tips.
Teen Kids News: 1936	05/07/2022	06:30AM	30	The Driving Skills 101 PSA contest; making berry popsicles.
Teen Kids News: 1937	05/14/2022	06:30AM	30	Looking at whether college is worth the expense; musician Allegra Jordyn; a behind-the-scenes look at "Sonic the Hedgehog 2."
Teen Kids News: 1938	05/21/2022	06:30AM	30	Opportunities for teens during the COVID crisis; tips for applying to college; gift ideas for dads and grads.
Teen Kids News: 1939	05/28/2022	06:30AM	30	Applying to college; a young girl's battle with cancer.
Teen Kids News: 1940	06/04/2022	06:30AM	30	Recycling plastics; managing a credit card; the K3 Sisters.
Teen Kids News: 1941	06/11/2022	06:30AM	30	Why striving for perfection can be harmful; applying for college financial aid; pea pesto pasta.
Teen Kids News: 1942	06/18/2022	06:30AM	30	Deciding whether to take Advanced Placement classes in high school; two brothers start an unusual business.
Teen Kids News: 1943	06/25/2022	06:30AM	30	Coping with worry; Art Smart report; the show "Feathers of Fire."
Teen Kids News: 1944	7/2/2022	06:30AM	30	Learning to write computer code; singer Elle Townley.
Teen Kids News: 1945	07/09/2022	06:30AM	30	Information on all-terrain vehicles; the winner of the annual Drive2Life PSA Contest; how to make avocado ice cream.
Teen Kids News: 1946	07/16/2022	06:30AM	30	The winner of the annual National Road Safety Foundation Drive2Life PSA Contest; tips on investing in stocks and bonds; study tips; using art to reduce anxiety.

Program/episode	Date	Time	Duration	Summary
Teen Kids News: 1947	07/23/2022	06:30AM	30	The SADD Driving Skills 101 PSA Contest; singer Neska Rose.
Teen Kids News: 1948	07/30/2022	06:30AM	30	Learning to write programs for computers; singer Elle Townley.
Teen Kids News: 1949	08/06/2022	06:30AM	30	Young news team reports on stories in subjects that include sports, careers, entertainment and health, as well as highlighting positive stories about kids who do amazing things and help to make the world a better place.
Teen Kids News: 1950	08/13/2022	06:30AM	30	ATV's; winner of annual Drive2Life PSA contest; popular online search engine; US most valuable coin; environment; back to school items; cooking tips for Avocado Ice Cream.
Teen Kids News: 1951	08/20/2022	06:30AM	30	Sydney, from Las Vegas, Nevada - Winner of the annual National Road Safety Foundation Drive2Life PSA Contest; Investing money; explain how WWI military tanks got their name; artwork reducing stress; Vive la France railroad car; cooking tips for easy recipes.
Teen Kids News: 1952	08/27/2022	06:30AM	30	Safe driving takes a clear head, a steady hand and good reactions and is the subject of this year's SADD Driving Skills 101 PSA Contest. And find out how the word ESCAPE came to be
Teen Kids News: 1953	09/03/2022	06:30AM	30	Coding for kids; where the name Lego came from; things we should NOT be putting in our recycle bins. And Rising Star Elle Townley.
Teen Kids News: 2001	09/10/2022	06:30AM	30	This Special Anniversary Show is dedicated to celebrating the start of Teen Kids News' 20th season on the air.
Teen Kids News: 2002	09/17/2022	06:30AM	30	College Early Decision, The Reign in Spain, some Make the Grade advice, Katie has a Kitchen Tip on a fun hamburger to make, a spotlight on our reporter Diyu and some economic advice from Whitman...
Teen Kids News: 2003	09/24/2022	06:30AM	30	Ava has the story of Muhammad Ali and his training camp Fighter's Heaven, Christin with a Make the Grade tip, a PSA from the NRSF, a look back at our reporter Tyler Dumont and Katie check's out Grant....
Teen Kids News: 2004	10/01/2022	06:30AM	30	How fragile is our ocean? The importance of sunglasses, mysteries of the Mona Lisa, a look back

Program/episode	Date	Time	Duration	Summary
				at one of our past anchors in our 20th season and Nicole takes us to Seville in The Reign in Spain.
Teen Kids News: 2005	10/08/2022	06:30AM	30	A man with a very special mission in our top story: Son of a Saint. Plus a famous and valuable stamp, a kitchen tip for garlic lovers, a report on artist Frida Kahlo, a PSA on driver safety; crowdfunding college costs.
Teen Kids News: 2006	10/15/2022	06:30AM	30	Ava tells us about Sphinx, an organization that is working to break down barriers using classical music. A special report from the NRSF on a "real" PSA. Some advice on using flash cards to help study.
Teen Kids News: 2007	10/22/2022	06:30AM	30	Studying abroad might make a lot of sense, as in dollars and cents. A collectable that is more nostalgic than valuable, study tips, a look back over her TKN years with Katie, the famous Norman Rockwell painting; cooking recipes from Spain.
Teen Kids News: 2008	10/29/2022	06:30AM	30	An effort to improve financial literacy, how family vacations could help in making a college choice, sunscreens that are harming the oceans, the tallest structure in Washington DC, how ice cream help fight global warming.
Teen Kids News: 2009	11/05/2022	06:30AM	30	Tour of a US Naval Ship stationed in Jacksonville, FL. Learned about Grandma Moses, how Greenland got it's name, a look back with News Team member Christin and Rising Star highlight upcoming talent.
Teen Kids News: 2010	11/12/2022	06:30AM	30	The impact of COVID; carrots and eyesight; exploring Amman, Jordan.
Teen Kids News: 2011	11/19/2022	06:30AM	30	Cybersecurity tips; holiday gift giving ideas for techies; tips on how to build a resume; strangest animals on the planet
Teen Kids News: 2012	11/26/2022	06:30AM	30	Major changes for PSAT and SAT tests; comic book collecting; tips on proofreading your work; holiday gift giving ideas; catching up with a former "Teen Kids News" reporter.
Teen Kids News: 2013	12/03/2022	06:30AM	30	Looking at a time-honored tradition of the U.S. Military; how eating the right breakfast can help with school.
Teen Kids News: 2014	12/10/2022	06:30AM	30	Aspiring artists; The National Mall - World War II Memorial in Washington, D.C; tech gift ideas.

Program/episode	Date	Time	Duration	Summary
Teen Kids News: 2015	12/17/2022	06:30AM	30	Crime; scholarships for college; kitchen tip; gift ideas.
Teen Kids News: 2016	12/24/2022	06:30AM	30	Celebrating the start of "Teen Kids News" 20th season.
Teen Kids News: 2017	12/31/2022	06:30AM	30	Tips for applying to college; the city of Toledo in Spain; a unique way to make a hamburger; learning about asset allocation.



MEMORANDUM

TO: PROGRAM DIRECTORS

FROM: FERN ROTFELD & MATT JAY

DATE: JULY 2022

RE: FCC OBJECTIVE LETTER – “**XPLORATION: LIFE 2.0**”

Xploration: LIFE 2.0 – This series is also a part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION**.

How will new technologies and ideas impact us in the near - and far - future? How will our lives change in the coming years? As cutting-edge scientific advancements happen right now, what are some of the “bigger questions” that we, as a civilization, should start considering?

XPLORATION LIFE 2.0 is a high-end anthology miniseries that takes a deep and thoughtprovoking dive into a variety of topics - such as the future of human life extension, breakthroughs in interspecies communication, the rise of “cyborgism”, existing in virtual reality, and more. By interviewing world-class scientists and researchers, as well as leading futurists like Dr. Michio Kaku, each half-hour episode reveals mind-blowing scientific breakthroughs... and then asks viewers to consider what these incredible discoveries might mean for their own lives in the future.

Produced primarily for the 13 to 16-year-old target audience, XPLORATION LIFE 2.0 will appeal to the entire family, and help increase and expand viewers interest in the field of STEM education.

Steve Rotfeld Productions will provide a written synopsis of each episode for filing with our stations’ FCC Children’s Television Report. These write-ups will be emailed to stations on a quarterly basis. *Also, each episode is close-captioned throughout.*

If you need additional information, please feel free to contact us.

Sincerely,

Fern Rotfeld
Director of Syndication Sales
fern@rotfeldproductions.com or matt@rotfeldproductions.co

740 Haverford Road, Bryn Mawr, PA 19010 Phone: 610-520-0671 Fax: 610-520-0681

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XPLORATION LIFE 2.0

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
XL2: 118	01/01/2022	7AM	30	Get up-close and personal with leading scientists and innovators as they reveal how cutting-edge scientific breakthroughs and discoveries will change our lives. This episode looks at how new technologies may someday make it possible to live forever in digital form. Will we someday have the ability to upload our minds to the internet? Will our loved ones live on as virtual "beings" that we can interact with forever?
XL2: 119	01/08/2022	7AM	30	This episode looks at how we can modify ourselves to develop superhuman traits, such as implantable memories. What else is on the horizon? Will we someday have brain implants that can insert knowledge directly into our minds? How will this change us? We will develop a race of "super humans"?
XL2: 120	01/15/2022	7AM	30	This episode looks at how life on planet Earth can begin again after a global catastrophe. What safety nets do we have in place now to help us start over? What challenges will we face? How will we have to adapt? What happens... after the end?
XL2: 121	01/22/2022	7AM	30	This episode looks at how we depend on AI now and how our lives will become more intertwined with it in the future. Will AI eventually become our "friend"? Are we capable of developing meaningful relationships with robots?
XL2: 122	01/29/2022	7AM	30	This episode looks at how virtual reality will transform our lives. How is this technology already transforming our interactions with other people? When the majority of our interactions are no longer personal, how will that impact society at large? Will we reach a point where we can no longer tell the difference between the "real" world and the "virtual" world?
XL2: 123	02/05/2022	7AM	30	The concept of cloning is a staple of the science fiction genre, often depicted in terrifying ways such as armies of human clones. In reality, it is a growing field of research with a growing consumer market for pets. This episode explores past and present scientific advancements and the ethical considerations that are involved. Will we ever see a world where human cloning is possible... and if so, will we really want to?
XL2: 124	02/12/2022	7AM	30	Already, the majority of new couples meet online. So, with the popularity of online dating and dating

Program/episode	Date	Time	Duration	Summary
				applications, it is only a matter of time before love becomes even more automated. How will technology of the future help us find our "perfect match"? This episode explores how tech like AI-driven tools and DNA analysis can be used to evaluate and predict human relationships.
XL2: 125	02/19/2022	7AM	30	What if we could hit the pause button on life and put ourselves into a state of suspended animation? This concept has been fundamental to science fiction for decades... and, if turned into reality, it would have incredible implications that could drastically change lives. This episode explores research into human stasis and how the quest to find a "pause button" might change life as we know it - impacting everything from medical emergencies to long distance human space travel.
XL2: 125	02/20/2022	11AM	30	This episode explores research into human stasis and how the quest to find a "pause button" might change life as we know it - impacting everything from medical emergencies to long distance human space travel.
XL2: 126	02/26/2022	7AM	30	In recent years, the popularity of consumer DNA testing has increased dramatically. In the future, it could be common for everyone to have their own personalized DNA profile. How does this technology work, how is it changing our lives now, and how is it poised to change our lives in the future? This episode will explore the concepts and complexities of DNA testing technology. What functions does it maintain outside of the laboratory? What does the future hold for DNA testing - both good and bad? What role will it play in our society - from revolutionizing medicine, to fighting crime, to creating new social connections?
XL2: 127	03/06/2022	10AM	30	For several decades now, genetic testing and embryonic screening have given people the ability have children free of generically inherited diseases. But recent scientific advances have opened up a new possibility - to not just screen out genetic defects, but to actually genetically "edit" them away. In this episode we look at research into genetic editing, from current uses in animals to developing human applications. Could we someday all have the ability to edit our genes at will?
XL2: 128	03/12/2022	7AM	30	AI, or artificial intelligence, is on the rise. But as we put more and more faith in this technology, are we setting ourselves up for disaster? This episode explores some real ways AI is wreaking havoc in our lives - from misleading algorithms to false criminal accusations

Program/episode	Date	Time	Duration	Summary
				based on faulty facial identification tools. As this tech continues to evolve - and it becomes harder and harder to distinguish truths from falsehoods - are we prepared for the challenges?
XL2: 129	03/19/2022	7AM	30	In recent years, terms like "big data" and "data science" have become incredibly popular. But what do these terms really mean, and how is data being used to shape our lives? In this episode we pull back the curtain on data science to explore where all this data is coming from and how it's playing a crucial role in everything from advertising to health care to world policy.
XL2: 130	03/26/2022	7AM	30	With the advent of social media and the never-ending release of applications that allow you to constantly capture snippets of your life, it seems as if it's only a matter of time before we'll have the ability to never forget a single moment. But is this really a good thing? This episode looks at how self-recording technology was first imagined, how it has developed, and where it is poised to go in the future. What does the ability to record our lives give us... and what does it take away?
XL2: 131	04/02/2022	7AM	30	The ways in which we interact with technology have drastically changed over the past several decades. Laptops, iPhones, tablets and other electronic devices have invaded our lives on every level. But what is the real impact of all this technology? How is it changing our lives, and possibly even our brains? This episode examines the far-reaching impacts of living in a world in which we are constantly "plugged in"- from social factors to cognitive abilities, and perhaps even a physical "re-wiring" of our brains.
XL2: 132	04/09/2022	7AM	30	When we think of drones, most of us picture either lethal military weapons or fun little vehicles that we fly on the weekend. But in the future, drones are poised to become a much more integral part of our everyday lives. In this episode we explore some of the newest and most innovative uses for drones and reveal how they are becoming increasingly ubiquitous. Much like how the automobile once changed the world, drones are poised to do the same. Could we end up in a society where it's normal to look up and see the sky abuzz with activity?
XL2: 133	04/16/2022	7AM	30	As humankind's footprint continues to spread, species around the world have been impacted. Many have been forced onto the endangered list - with some even meeting the unfortunate fate of extinction. In this episode we look at how cutting-edge technology - like cloning and DNA preservation - is being used to help

Program/episode	Date	Time	Duration	Summary
				save our planet's biodiversity... and perhaps even bring back species that we have already lost.
XL2: 134	04/23/2022	7AM	30	This episode looks at what the future of space exploration means for human evolution. What are the long-term consequences of colonizing other planets? Could we eventually evolve into many diverse "space species"?
XL2: 135	04/30/2022	7AM	30	This episode looks at the science of longevity and how we can extend human life in the future. This can include everything from "hacking" our bodies to slow (or perhaps even stop) the aging process, to cryonics, and more. Will we eventually live forever, at least in some form? If so, will we want to?
XL2: 136	05/07/2022	7AM	30	This episode looks at the science of regeneration and how it will impact people in the future. How are scientists already beginning to regenerate organs and body parts? How will this continue to advance? Will we reach out a point where we can keep regenerating our body parts forever? What will this mean for the future?
XL2: 137	05/14/2022	7AM	30	This episode looks at interspecies communication, uncovering the progress scientists are making with high-functioning animals like dolphins and gorillas on Earth, as well as how it will one day progress into future communication with extra-terrestrials. What can we learn through communication? When we finally make contact with aliens, how will change the world as we know it?
XL2: 138	05/21/2022	7AM	30	This episode looks at how we will have to adapt to live on Earth in the future. As our population continues to grow, and our climate becomes more extreme, where will we go? Into cities underground? Under the ocean? On the ocean? How will these new environments challenge us? What will we have to do to adapt?
XL2: 139	05/28/2022	7AM	30	This episode looks at how "cyborg" technology is becoming increasingly common and advanced. How will this continue to evolve in the future? Will we someday choose to electively alter ourselves in different ways? How will this change our lives? How will this change what it means to be human?
XL2: 140	06/04/2022	7AM	30	This episode looks at how new technologies may someday make it possible to live forever in digital form. Will we someday have the ability to upload our minds to the internet? Will our loved ones live on as virtual "beings" that we can interact with forever?

Program/episode	Date	Time	Duration	Summary
XL2: 141	6/11/2022	7AM	30	This episode looks at how we can modify ourselves to develop super human traits, such as implantable memories. What else is on the horizon? Will we someday have brain implants that can insert knowledge directly into our minds? How will this change us? We will develop a race of "super humans"?
XL2: 142	06/18/2022	7AM	30	This episode looks at how life on planet Earth can begin again after a global catastrophe. What safety nets do we have in place now to help us start over? What challenges will we face? How will we have to adapt? What happens... after the end?
XL2: 143	06/25/2022	7AM	30	This episode looks at how we depend on AI now and how our lives will become more intertwined with it in the future. Will AI eventually become our "friend"? Are we capable of developing meaningful relationships with robots?
XL2: 144	07/02/2022	7AM	30	This episode looks at how virtual reality will transform our lives. How is this technology already transforming our interactions with other people? When the majority of our interactions are no longer personal, how will that impact society at large? Will we reach a point where we can no longer tell the difference between the "real" world and the "virtual" world?
XL2: 145	07/09/2022	7AM	30	The concept of cloning is a staple of the science fiction genre, often depicted in terrifying ways such as armies of human clones. In reality, it is a growing field of research with a growing consumer market for pets. This episode explores past and present scientific advancements and the ethical considerations that are involved. Will we ever see a world where human cloning is possible... and if so, will we really want to?
XL2: 146	07/16/2022	7AM	30	Already, the majority of new couples meet online. So, with the popularity of online dating and dating applications, it is only a matter of time before love becomes even more automated. How will technology of the future help us find our "perfect match"? This episode explores how tech like AI-driven tools and DNA analysis can be used to evaluate and predict human relationships.
XL2: 147	07/23/2022	7AM	30	What if we could hit the pause button on life and put ourselves into a state of suspended animation? This concept has been fundamental to science fiction for decades... and, if turned into reality, it would have incredible implications that could drastically change lives. This episode explores research into human stasis

Program/episode	Date	Time	Duration	Summary
				and how the quest to find a “pause button” might change life as we know it - impacting everything from medical emergencies to long distance human space travel.
XL2: 148	07/30/2022	7AM	30	In recent years, the popularity of consumer DNA testing has increased dramatically. In the future, it could be common for everyone to have their own personalized DNA profile. How does this technology work, how is it changing our lives now, and how is it poised to change our lives in the future? This episode will explore the concepts and complexities of DNA testing technology. What functions does it maintain outside of the laboratory? What does the future hold for DNA testing - both good and bad? What role will it play in our society - from revolutionizing medicine, to fighting crime, to creating new social connections?
XL2: 149	08/06/2022	7AM	30	For several decades now, genetic testing and embryonic screening have given people the ability have children free of generically inherited diseases. But recent scientific advances have opened up a new possibility - to not just screen out genetic defects, but to actually genetically “edit” them away. In this episode we look at research into genetic editing, from current uses in animals to developing human applications. Could we someday all have the ability to edit our genes at will?
XL2: 150	08/13/2022	7AM	30	AI, or artificial intelligence, is on the rise. But as we put more and more faith in this technology, are we setting ourselves up for disaster? This episode explores some real ways AI is wreaking havoc in our lives - from misleading algorithms to false criminal accusations based on faulty facial identification tools. As this tech continues to evolve - and it becomes harder and harder to distinguish truths from falsehoods - are we prepared for the challenges?
XL2: 151	08/20/2022	7AM	30	In recent years, terms like “big data” and “data science” have become incredibly popular. But what do these terms really mean, and how is data being used to shape our lives? In this episode we pull back the curtain on data science to explore where all this data is coming from and how it’s playing a crucial role in everything from advertising to health care to world policy.
XL2: 152	08/27/2022	7AM	30	With the advent of social media and the never-ending release of applications that allow you to constantly capture snippets of your life, it seems as if it’s only a matter of time before we’ll have the ability to never forget a single moment. But is this really a good thing?

Program/episode	Date	Time	Duration	Summary
				This episode looks at how self-recording technology was first imagined, how it has developed, and where it is poised to go in the future. What does the ability to record our lives give us... and what does it take away?
XL2: 101	09/03/2022	7AM	30	This episode looks at what the future of space exploration means for human evolution. What are the long-term consequences of colonizing other planets? Could we eventually evolve into many diverse "space species"?
XL2: 102	09/10/2022	7AM	30	This episode looks at the science of longevity and how we can extend human life in the future. This can include everything from "hacking" our bodies to slow (or perhaps even stop) the aging process, to cryonics, and more. Will we eventually live forever, at least in some form? If so, will we want to?
XL2: 103	09/17/2022	7AM	30	This episode looks at the science of regeneration and how it will impact people in the future. How are scientists already beginning to regenerate organs and body parts? How will this continue to advance? Will we reach out a point where we can keep regenerating our body parts forever? What will this mean for the future?
XL2: 104	09/24/2022	7AM	30	This episode looks at interspecies communication, uncovering the progress scientists are making with high-functioning animals like dolphins and gorillas on Earth, as well as how it will one day progress into future communication with extra-terrestrials. What can we learn through communication? When we finally make contact with aliens, how will change the world as we know it?
XL2: 105	10/01/2022	7AM	30	This episode looks at how we will have to adapt to live on Earth in the future. As our population continues to grow, and our climate becomes more extreme, where will we go? Into cities underground? Under the ocean? On the ocean? How will these new environments challenge us? What will we have to do to adapt?
XL2: 106	10/08/2022	7AM	30	This episode looks at how "cyborg" technology is becoming increasingly common and advanced. How will this continue to evolve in the future? Will we someday choose to electively alter ourselves in different ways? How will this change our lives? How will this change what it means to be human?
XL2: 106	10/1/2022	7AM	30	This episode looks at how "cyborg" technology is becoming increasingly common and advanced. How will this continue to evolve in the future? Will we someday

Program/episode	Date	Time	Duration	Summary
				choose to electively alter ourselves in different ways? How will this change our lives? How will this change what it means to be human?
XL2: 107	10/16/2022	6:30A	30	This episode looks at how new technologies may someday make it possible to live forever in digital form. Will we someday have the ability to upload our minds to the internet? Will our loved ones live on as virtual "beings" that we can interact with forever?
XL2: 108	10/22/2022	7AM	30	This episode looks at how we can modify ourselves to develop super human traits, such as implantable memories. What else is on the horizon? Will we someday have brain implants that can insert knowledge directly into our minds? How will this change us? We will develop a race of "super humans"?
XL2: 109	10/29/2022	7AM	30	This episode looks at how life on planet Earth can begin again after a global catastrophe. What safety nets do we have in place now to help us start over? What challenges will we face? How will we have to adapt? What happens... after the end?
XL2: 110	11/05/2022	7AM	30	This episode looks at how we depend on AI now and how our lives will become more intertwined with it in the future. Will AI eventually become our "friend"? Are we capable of developing meaningful relationships with robots?
XL2: 111	11/12/2022	7AM	30	This episode looks at how virtual reality will transform our lives. How is this technology already transforming our interactions with other people? When the majority of our interactions are no longer personal, how will that impact society at large? Will we reach a point where we can no longer tell the difference between the "real" world and the "virtual" world?
XL2: 112	11/19/2022	7AM	30	The concept of cloning is a staple of the science fiction genre, often depicted in terrifying ways such as armies of human clones. In reality, it is a growing field of research with a growing consumer market for pets. This episode explores past and present scientific advancements and the ethical considerations that are involved. Will we ever see a world where human cloning is possible... and if so, will we really want to?
XL2: 113	11/26/2022	7AM	30	Already, the majority of new couples meet online. So, with the popularity of online dating and dating applications, it is only a matter of time before love

Program/episode	Date	Time	Duration	Summary
				becomes even more automated. How will technology of the future help us find our “perfect match”? This episode explores how tech like AI-driven tools and DNA analysis can be used to evaluate and predict human relationships.
XL2: 114	12/03/2022	7AM	30	What if we could hit the pause button on life and put ourselves into a state of suspended animation? This concept has been fundamental to science fiction for decades... and, if turned into reality, it would have incredible implications that could drastically change lives. This episode explores research into human stasis and how the quest to find a “pause button” might change life as we know it - impacting everything from medical emergencies to long distance human space travel.
XL2: 115	12/10/2022	7AM	30	In recent years, the popularity of consumer DNA testing has increased dramatically. In the future, it could be common for everyone to have their own personalized DNA profile. How does this technology work, how is it changing our lives now, and how is it poised to change our lives in the future? This episode will explore the concepts and complexities of DNA testing technology. What functions does it maintain outside of the laboratory? What does the future hold for DNA testing - both good and bad? What role will it play in our society - from revolutionizing medicine, to fighting crime, to creating new social connections?
XL2: 116	12/17/2022	7AM	30	For several decades now, genetic testing and embryonic screening have given people the ability have children free of generically inherited diseases. But recent scientific advances have opened up a new possibility - to not just screen out genetic defects, but to actually genetically “edit” them away. In this episode we look at research into genetic editing, from current uses in animals to developing human applications. Could we someday all have the ability to edit our genes at will?
XL2: 117	12/24/2022	7AM	30	AI, or artificial intelligence, is on the rise. But as we put more and more faith in this technology, are we setting ourselves up for disaster? This episode explores some real ways AI is wreaking havoc in our lives - from misleading algorithms to false criminal accusations based on faulty facial identification tools. As this tech continues to evolve - and it becomes harder and harder to distinguish truths from falsehoods - are we prepared for the challenges?

Program/episode	Date	Time	Duration	Summary
XL2: 118	12/31/2022	7AM	30	In recent years, terms like “big data” and “data science” have become incredibly popular. But what do these terms really mean, and how is data being used to shape our lives? In this episode we pull back the curtain on data science to explore where all this data is coming from and how it’s playing a crucial role in everything from advertising to health care to world policy.



MEMORANDUM

TO: PROGRAM DIRECTORS

FROM: FERN ROTFELD & MATT JAY

DATE: JULY 2022

RE: FCC OBJECTIVE LETTER – “**XPLORATION SCI Q**”

Xploration Sci Q – This show is part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION.**

Sci Q is a fun, entertaining pop science series that tests the audience’s knowledge of all things science. It engages viewers with surprising facts, quizzes and opinions of many science topics. We interview six experts to guide us through diverse subjects , including our planet, outer space, animals, and many more science related subjects. Our experts include a Neuroscientist, Environmental Engineer, Wildlife Educator, Professor of Astrophysics and a Wildlife Biologist. They will all be part of this educational program to educate and entertain our viewers.

Produced primarily for the 13 to 16-year-old target audience, XPLORATION Sci Q will appeal to the entire family, and help increase and expand viewers’ interest in the field of STEM education.

Steve Rotfeld Productions will provide a written synopsis of each episode for filing with our stations’ FCC Children’s Television Report. These write-ups will be emailed to stations on a quarterly basis. Also, each episode is close-captioned throughout.

If you need additional information, please feel free to contact us.

Sincerely,

Fern Rotfeld
Director of Syndication Sales
fern@rotfeldproductions.com or att@rotfeldproductions.com

XPLORATION SCI Q

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
XSQ - 118	01/01/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. When was the first virtual-reality headset created? What is hydroponic farming? What's the difference between a grizzly bear and a brown bear?
XSQ - 119	01/08/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the name of the largest fault line in California? How does the Venus Flytrap catch bugs? Is the far side of the moon always dark?
XSQ - 120	01/15/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How long can a person exist without water? How fast is the International Space Station travelling through space? What exactly are DNA Forensics?
XSQ - 121	01/22/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. On average, how deep are our oceans? What was the largest earthquake ever measured on the Richter scale? What is an apex predator?
XSQ - 122	01/29/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the hairiest animal on the planet? What is the most common cause of the waves in the ocean? Why does the surface of Mars look red?
XSQ - 123	02/05/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do you know what causes an avalanche? What is the lightest element in the universe, hydrogen or helium? What was the main purpose of the Space Shuttle Program?
XSQ - 124	02/12/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place on earth? Where's the coldest place? Is it true that a jellyfish has neither a heart nor brain? And what exactly is a Supernova?
XSQ - 125	02/19/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do flying squirrels really fly? What caused the extinction of the dinosaur? How old are the fossils found at the bottom of the Grand Canyon?
XSQ - 126	02/26/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?

Program/episode	Date	Time	Duration	Summary
XSQ - 126	02/27/2022	11AM	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?
XSQ - 127	03/06/2022	10:30A	30	Fast-paced, pop-science show that will test your science I.Q. Is it true that we only use 10% of our brain? Did Mars used to have an ocean? How much longer will we be able to live on fossil fuels?
XSQ - 128	03/12/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What causes a lightning strike? Where in our solar system is the asteroid belt? What's the difference between a stalagmite and a stalactite?
XSQ - 129	03/19/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place in North America? Does a camel's hump store water or fat? Our planet is moving through space at 67,000 mph, so why don't we feel it moving?
XSQ - 130	03/26/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. When was the first virtual-reality headset created? What is hydroponic farming? What's the difference between a grizzly bear and a brown bear?
XSQ - 131	04/02/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the name of the largest fault line in California? How does the Venus Flytrap catch bugs? Is the far side of the moon always dark?
XSQ - 132	04/09/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How long can a person exist without water? How fast is the International Space Station travelling through space? What exactly are DNA Forensics?
XSQ - 133	04/16/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. On average, how deep are our oceans? What was the largest earthquake ever measured on the Richter scale? What is an apex predator?
XSQ - 134	04/23/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the hairiest animal on the planet? What is the most common cause of the waves in the ocean? Why does the surface of Mars look red?
XSQ - 135	04/30/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do you know what causes an avalanche? What is the lightest element in the universe, hydrogen or helium? What was the main purpose of the Space Shuttle Program?

Program/episode	Date	Time	Duration	Summary
XSQ - 136	05/07/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place on earth? Where's the coldest place? Is it true that a jellyfish has neither a heart nor brain? And what exactly is a Supernova?
XSQ - 137	05/14/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do flying squirrels really fly? What caused the extinction of the dinosaur? How old are the fossils found at the bottom of the Grand Canyon?
XSQ - 138	05/21/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?
XSQ - 139	05/28/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Is it true that we only use 10% of our brain? Did Mars used to have an ocean? How much longer will we be able to live on fossil fuels?
XSQ - 140	06/04/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What causes a lightning strike? Where in our solar system is the asteroid belt? What's the difference between a stalagmite and a stalactite?
XSQ - 141	6/11/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place in North America? Does a camel's hump store water or fat? Our planet is moving through space at 67,000 mph, so why don't we feel it moving?
XSQ - 142	06/18/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. When was the first virtual-reality headset created? What is hydroponic farming? What's the difference between a grizzly bear and a brown bear?
XSQ - 143	06/25/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the name of the largest fault line in California? How does the Venus Flytrap catch bugs? Is the far side of the moon always dark?
XSQ - 144	07/02/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How long can a person exist without water? How fast is the International Space Station travelling through space? What exactly are DNA Forensics?
XSQ - 145	07/09/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. On average, how deep are our oceans? What was the largest earthquake ever measured on the Richter scale? What is an apex predator?

Program/episode	Date	Time	Duration	Summary
XSQ - 146	07/16/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the hairiest animal on the planet? What is the most common cause of the waves in the ocean? Why does the surface of Mars look red?
XSQ - 147	07/23/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do you know what causes an avalanche? What is the lightest element in the universe, hydrogen or helium? What was the main purpose of the Space Shuttle Program?
XSQ - 148	07/30/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place on earth? Where's the coldest place? Is it true that a jellyfish has neither a heart nor brain? And what exactly is a Supernova?
XSQ - 149	08/06/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do flying squirrels really fly? What caused the extinction of the dinosaur? How old are the fossils found at the bottom of the Grand Canyon?
XSQ - 150	08/13/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?
XSQ - 151	08/20/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Is it true that we only use 10% of our brain? Did Mars used to have an ocean? How much longer will we be able to live on fossil fuels?
XSQ - 152	08/27/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What causes a lightning strike? Where in our solar system is the asteroid belt? What's the difference between a stalagmite and a stalactite?
XSQ - 101	09/03/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do flying squirrels really fly? What caused the extinction of the dinosaur? How old are the fossils found at the bottom of the Grand Canyon?
XSQ - 102	09/10/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?
XSQ - 103	09/17/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Is it true that we only use 10% of our brain? Did Mars used to have an ocean? How much longer will we be able to live on fossil fuels?

Program/episode	Date	Time	Duration	Summary
XSQ - 104	09/24/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What causes a lightning strike? Where in our solar system is the asteroid belt? What's the difference between a stalagmite and a stalactite?
XSQ - 105	10/01/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place in North America? Does a camel's hump store water or fat? Our planet is moving through space at 67,000 mph, so why don't we feel it moving?
XSQ - 106	10/08/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. When was the first virtual-reality headset created? What is hydroponic farming? What's the difference between a grizzly bear and a brown bear?
XSQ - 107	10/15/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the name of the largest fault line in California? How does the Venus Flytrap catch bugs? Is the far side of the moon always dark?
XSQ - 108	10/22/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How long can a person exist without water? How fast is the International Space Station travelling through space? What exactly are DNA Forensics?
XSQ - 109	10/29/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. On average, how deep are our oceans? What was the largest earthquake ever measured on the Richter scale? What is an apex predator?
XSQ - 110	11/05/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What's the hairiest animal on the planet? What is the most common cause of the waves in the ocean? Why does the surface of Mars look red?
XSQ - 111	11/12/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do you know what causes an avalanche? What is the lightest element in the universe, hydrogen or helium? What was the main purpose of the Space Shuttle Program?
XSQ - 112	11/19/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place on earth? Where's the coldest place? Is it true that a jellyfish has neither a heart nor brain? And what exactly is a Supernova?
XSQ - 113	11/26/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Do flying squirrels really fly? What caused the extinction of the dinosaur? How old are the fossils found at the bottom of the Grand Canyon?

Program/episode	Date	Time	Duration	Summary
XSQ - 114	12/03/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. How smart is the modern-day robot? How come Earth has a protective atmosphere? Why does the U.S. have more tornadoes than anywhere else in the world?
XSQ - 115	12/10/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Is it true that we only use 10% of our brain? Did Mars used to have an ocean? How much longer will we be able to live on fossil fuels?
XSQ -116	12/17/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. What causes a lightning strike? Where in our solar system is the asteroid belt? What's the difference between a stalagmite and a stalactite?
XSQ -117	12/24/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. Where's the hottest place in North America? Does a camel's hump store water or fat? Our planet is moving through space at 67,000 mph, so why don't we feel it moving?
XSQ -118	12/31/2022	7:30A	30	Fast-paced, pop-science show that will test your science I.Q. When was the first virtual-reality headset created? What is hydroponic farming? What's the difference between a grizzly bear and a brown bear?



MEMORANDUM

TO: PROGRAM DIRECTORS

FROM: FERN ROTFELD & MATT JAY

DATE: JULY 2022

RE: FCC OBJECTIVE LETTER – “**XPLORATION OUTER SPACE**”

Xploration Outer Space – This series is also a part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION**

This half-hour weekly series produced for the 13-16 target audience will certainly attract viewers of all ages. Each week our host Emily Calandrelli will take viewers on incredible journeys through space that will both entertain and educate. Ever wonder what it would be like to live in space or on a different planet? Watch our host try to perform everyday responsibilities while floating in zero gravity. Explore the challenges that come along with living on a different planet as our host lives like an astronaut in a Mars-like habitat. We will have episodes on space robotics, commercial space tourism, asteroids, and our search for life, among many others. *When appropriate, the host will highlight NASA related programs and internships for young students that are relevant to the content we have shown.

Xploration Outer Space is a half-hour weekly E/I series produced with the intention of increasing and expanding our target audience's interest in the field of STEM education.

Steve Rotfeld Productions will provide a written synopsis of each episode for filing with our stations' FCC Children's Television Report. These write-ups will be emailed to stations on a quarterly basis. Also, each episode is close-captioned throughout.

If you need additional information, please feel free to contact us.

Sincerely,

Fern Rotfeld
Director of Syndication Sales
fern@rotfeldproductions.com or matt@rotfeldproductions.com

XPLOration OUTER SPACE

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
XOS: 118	01/01/2022	8AM	30	Host Emily Calandrelli holds the fourth annual #StudentAstronaut Contest. One lucky student wins a trip to Russia to train like a cosmonaut at the Yuri Gagarin Cosmonaut Training Center.
XOS: 119	01/08/2022	8AM	30	NASA has been remarkably successful sending robot to Mars' surface. Host Emily Calandrelli looks at the varied and ingenious methods used to land spacecraft on the red planet, starting with Pathfinder in 1997.
XOS: 120	01/15/2022	8AM	30	The year 2011 was remarkable as NASA visited several planets, asteroids and comets. Host Emily Calandrelli explores the amazing journeys of spacecraft that gathered spectacular images of Mercury, Jupiter and Mars.
XOS: 121	01/22/2022	8AM	30	Host Emily Calandrelli looks at how surviving in deep space can become a reality. Lockheed Martin is designing a spacecraft, similar to a smaller International Space Station, where astronauts can comfortably make a three-year trip to Mars and back.
XOS: 122	01/29/2022	8AM	30	The Hubble Space Telescope provides amazing insights into our universe, capturing stars forming and distant galaxies. Host Emily Calandrelli looks at the incredible phenomena of our universe, and our own planet's turbulent atmosphere.
XOS: 123	02/05/2022	8AM	30	NASA is planning to not only send humans back to the moon, but also create a permanent residence on the lunar surface. Host Emily Calandrelli explores the different aspects of this historic mission.
XOS: 124	02/12/2022	8AM	30	Some events in space exploration have changed the way we look at the universe. Host Emily Calandrelli meets with Scott Kelly, the astronaut twin who spent nearly a year in space. She also visits the LIGO Observatory in Louisiana, which has revolutionized the way we study the universe.
XOS: 125	02/19/2022	8AM	30	Why does Neptune appear blue? Which moons might harbor life? Host Emily Calandrelli speaks with two experts about each planet in our solar system and uncovers some misconceptions about the nature of space.
XOS: 126	02/26/2022	8AM	30	Space becomes a rich tapestry for several artists, Space becomes a rich tapestry for several artists, including an astronaut who once walked on the moon. Host Emily Calandrelli meets with several artists who bring their own vision and interpretation of outer space.

Program/episode	Date	Time	Duration	Summary
XOS: 126	02/27/2022	11:30AM	30	Space becomes a rich tapestry for several artists, including an astronaut who once walked on the moon. Host Emily Calandrelli meets with several artists who bring their own vision and interpretation of outer space.
XOS: 128	03/12/2022	8AM	30	Sending humans into space is always risky. Host Emily Calandrelli looks at a couple close calls on missions that have had to abort after launch, and examines steps being taken by NASA to prepare for the worst.
XOS: 127	03/12/2022	12PM	30	Is space exploration for everyone? It hasn't always been, but it certainly can be. From individuals who are deaf, to the developing world, host Emily Calandrelli highlights some hidden figures in this industry and shows how there's space...for all explorers.
XOS: 129	3/19/2022	8AM	30	As NASA prepares to send astronauts to the moon, private space companies are becoming more involved with missions in low-earth orbit. Host Emily Calandrelli looks at SpaceX, a private company that has exceeded expectations.
XOS: 130	03/26/2022	8AM	30	Did you know that the coldest place in our solar system is an area on our moon? Host Emily Calandrelli takes a look at the planets and moons in our solar system that are extremely inhospitable.
XOS: 131	04/02/2022	8AM	30	Host Emily Calandrelli looks at the history of robots that NASA has sent to Mars, including the very first rover, Sojourner. In 2020, NASA launched the most sophisticated rover yet, Perseverance, which will uncover many more mysteries of the Red Planet.
XOS: 132	04/09/2022	8AM	30	The InSight Lander is on its way to Mars. Host Emily Calandrelli discovers what it takes to prepare this spacecraft for its mission, learns all about the science it will do once it lands, and feels the power of this historic launch.
XOS: 133	04/16/2022	8AM	30	Is there proof that aliens are visiting our planet? What is behind these UFO sightings? Host Emily Calandrelli searches for the truth by interviewing experts and visiting Roswell, New Mexico, the site where some believe aliens once landed.
XOS: 134	04/23/2022	8AM	30	Native cultures have been studying the sky for centuries, yet their teachings have been mostly overlooked. Host Emily Calandrelli visits a sacred indigenous "sky party" and meets the first NASA astronaut of Native American descent.
XOS: 135	04/30/2022	8AM	30	With private companies becoming involved in space exploration, the space industry is booming. Host Emily Calandrelli meets with two space journalists who talk about

Program/episode	Date	Time	Duration	Summary
				space tourism, the thriving business of satellites, and how much activity there will soon be in low-earth orbit.
XOS: 136	05/07/2022	8AM	30	Space tourism is becoming a common occurrence, thanks to the efforts of Blue Origin. Host Emily Calandrelli takes a look at some moments with a “big impact” in the space industry today.
XOS: 137	05/14/2022	8AM	30	Xploration Outer Space has over 75 episodes, and host Emily Calandrelli has been there every step of way. In this special episode, Emily recalls some of her favorite moments, ranging from cutting edge science to adventures with our #StudentAstronaut contest winners.
XOS: 138	05/21/2022	8AM	30	Do you know which planet in our solar system has a longer day than year? Or why Apollo astronauts were quarantined after returning from the Moon? Learn all this and more as host Emily Calandrelli speaks to two experts about the most fascinating facts about our universe.
XOS: 139	05/28/2022	8AM	30	Host Emily Calandrelli explores the future of space medicine and how we may overcome the challenges ahead. She operates a small surgical robot and 3D prints a custom medical device.
XOS: 140	06/04/2022	8AM	30	NASA is planning to not only send humans back to the moon, but also create a permanent residence on the lunar surface. Host Emily Calandrelli explores the different aspects of this historic mission.
XOS: 141	06/11/2022	8AM	30	Some events in space exploration have changed the way we look at the universe. Host Emily Calandrelli meets with Scott Kelly, the astronaut twin who spent nearly a year in space. She also visits the LIGO Observatory in Louisiana, which has revolutionized the way we study the universe.
XOS: 142	06/18/2022	8AM	30	Why does Neptune appear blue? Which moons might harbor life? Host Emily Calandrelli speaks with two experts about each planet in our solar system and uncovers some misconceptions about the nature of space.
XOS: 143	06/25/2022	8AM	30	Space becomes a rich tapestry for several artists, including an astronaut who once walked on the moon. Host Emily Calandrelli meets with several artists who bring their own vision and interpretation of outer space.
XOS: 144	07/02/2022	8AM	30	Is space exploration for everyone? It hasn’t always been, but it certainly can be. From individuals who are deaf, to the developing world, host Emily Calandrelli highlights some hidden figures in this industry and shows how there’s space...for all explorers.

Program/episode	Date	Time	Duration	Summary
XOS: 145	07/09/2022	8AM	30	Is there proof that aliens are visiting our planet? What is behind these UFO sightings? Host Emily Calandrelli searches for the truth by interviewing experts and visiting Roswell, New Mexico, the site where some believe aliens once landed.
XOS: 146	07/16/2022	8AM	30	Native cultures have been studying the sky for centuries, yet their teachings have been mostly overlooked. Host Emily Calandrelli visits a sacred indigenous “sky party” and meets the first NASA astronaut of Native American descent.
XOS: 147	07/23/2022	8AM	30	With private companies becoming involved in space exploration, the space industry is booming. Host Emily Calandrelli meets with two space journalists who talk about space tourism, the thriving business of satellites, and how much activity there will soon be in low-earth orbit.
XOS: 148	07/30/2022	8AM	30	Space tourism is becoming a common occurrence, thanks to the efforts of Blue Origin. Host Emily Calandrelli takes a look at some moments with a “big impact” in the space industry today.
XOS: 149	08/06/2022	8AM	30	Xploration Outer Space has over 75 episodes, and host Emily Calandrelli has been there every step of way. In this special episode, Emily recalls some of her favorite moments, ranging from cutting edge science to adventures with our #StudentAstronaut contest winners.
XOS: 150	08/13/2022	8AM	30	Sending humans into space is always risky. Host Emily Calandrelli looks at a couple close calls on missions that have had to abort after launch, and examines steps being taken by NASA to prepare for the worst.
XOS: 151	08/20/2022	8AM	30	As NASA prepares to send astronauts to the moon, private space companies are becoming more involved with missions in low-earth orbit. Host Emily Calandrelli looks at SpaceX, a private company that has exceeded expectations.
XOS: 152	08/27/2022	8AM	30	Did you know that the coldest place in our solar system is an area on our moon? Host Emily Calandrelli takes a look at the planets and moons in our solar system that are extremely inhospitable.
XOS: 101	09/03/2022	8AM	30	Is there proof that aliens are visiting our planet? What is behind these UFO sightings? Host Emily Calandrelli searches for the truth by interviewing experts and visiting Roswell, New Mexico, the site where some believe aliens once landed.
XOS: 102	09/10/2022	8AM	30	Native cultures have been studying the sky for centuries, yet their teachings have been mostly overlooked. Host Emily

Program/episode	Date	Time	Duration	Summary
				Calandrelli visits a sacred indigenous “sky party” and meets the first NASA astronaut of Native American descent.
XOS: 103	09/17/2022	8AM	30	Get up-close and personal with leading scientists and innovators as they reveal how cutting-edge With private companies becoming involved in space exploration, the space industry is booming. Host Emily Calandrelli meets with two space journalists who talk about space tourism, the thriving business of satellites, and how much activity there will soon be in low-earth orbit.
XOS: 104	09/24/2022	8AM	30	Space tourism is becoming a common occurrence, thanks to the efforts of Blue Origin. Host Emily Calandrelli takes a look at some moments with a “big impact” in the space industry today.
XOS: 105	10/01/2022	8AM	30	Xploration Outer Space has over 75 episodes, and host Emily Calandrelli has been there every step of way. In this special episode, Emily recalls some of her favorite moments, ranging from cutting edge science to adventures with our #StudentAstronaut contest winners.
XOS: 106	10/08/2022	8AM	30	NASA is planning to not only send humans back to the moon, but also create a permanent residence on the lunar surface. Host Emily Calandrelli explores the different aspects of this historic mission.
XOS: 107	10/15/2022	8AM	30	Some events in space exploration have changed the way we look at the universe. Host Emily Calandrelli meets with Scott Kelly, the astronaut twin who spent nearly a year in space. She also visits the LIGO Observatory in Louisiana, which has revolutionized the way we study the universe.
XOS: 108	10/22/2022	8AM	30	Space exploration helps extend the reach of the human race to beyond our planet. But is everyone welcome on that journey? Host Emily Calandrelli explores the ways different people, companies and organizations are helping make spaceflight more accessible.
XOS: 109	10/29/2022	8AM	30	Why does Neptune appear blue? Which moons might harbor life? Host Emily Calandrelli speaks with two experts about each planet in our solar system and uncovers some misconceptions about the nature of space.
XOS: 110	11/05/2022	8AM	30	The search for life in the universe remains one of the most ambitious quests of humankind. Host Emily Calandrelli explores the possibility that life exists in our own celestial backyard.
XOS: 111	11/12/2022	8AM	30	Even though spacecraft have been sent to every planet in our solar system, many mysteries remain. Host Emily

Program/episode	Date	Time	Duration	Summary
				Calandrelli searches for answers to celestial mysteries that stump even our brightest scientists.
XOS: 112	11/19/2022	8AM	30	Space becomes a rich tapestry for several artists, including an astronaut who once walked on the moon. Host Emily Calandrelli meets with several artists who bring their own vision and interpretation of outer space.
XOS: 113	11/27/2022	6AM	30	Is space exploration for everyone? It hasn't always been, but it certainly can be. From individuals who are deaf, to the developing world, host Emily Calandrelli highlights some hidden figures in this industry and shows how there's space...for all explorers.
XOS: 114	12/04/2022	6AM	30	Sending humans into space is always risky. Host Emily Calandrelli looks at a couple close calls on missions that have had to abort after launch, and examines steps being taken by NASA to prepare for the worst.
XOS: 115	12/11/2022	6AM	30	As NASA prepares to send astronauts to the moon, private space companies are becoming more involved with missions in low-earth orbit. Host Emily Calandrelli looks at SpaceX, a private company that has exceeded expectations.
XOS: 116	12/18/2022	6AM	30	Did you know that the coldest place in our solar system is an area on our moon? Host Emily Calandrelli takes a look at the planets and moons in our solar system that are extremely inhospitable.
XOS: 117	12/24/2022	8AM	30	Host Emily Calandrelli looks at the history of robots that NASA has sent to Mars, including the very first rover, Sojourner. In 2020, NASA launched the most sophisticated rover yet, Perseverance, which will uncover many more mysteries of the Red Planet.
XOS: 118	12/31/2022	8AM	30	The InSight Lander is on its way to Mars. Host Emily Calandrelli discovers what it takes to prepare this spacecraft for its mission, learns all about the science it will do once it lands, and feels the power of this historic launch.



MEMORANDUM

TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD & MATT JAY
DATE: JULY 2022
RE: FCC OBJECTIVE LETTER – “**XPLORATION AWESOME PLANET**”

Xploration Awesome Planet – This series is also a part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION**.

Produced primarily for the 13-16 target audience, **Xploration Awesome Planet** will inspire and educate anyone interested in earth sciences. Our host, Philippe Cousteau, the grandson of legendary Jacques Cousteau, brings boundless energy to every location we visit. From magnificent mountains to violent volcanoes, this program takes an in-depth look at the unique and distinct features on planet Earth. We not only visit gigantic glaciers and behold their beauty but also discover **why** they formed, and **how they shaped** our landscape. Geological experts share their wisdom with Philippe, as we strive to understand places *on* the earth, *inside* the earth, and *above* the earth.

Xploration Awesome Planet is a half-hour weekly E/I series produced with the intention of increasing and expanding our target audience's interest in the field of STEM education.

Steve Rotfeld Productions will provide a written synopsis of each episode for filing with our stations' FCC Children's Television Report. These write-ups will be emailed to stations on a quarterly basis. Also, each episode is close-captioned throughout.

If you need additional information, please feel free to contact us.

Sincerely,

Fern Rotfeld
Director of Syndication Sales fern@rotfeldproductions.com or
matt@rotfeldproductions.com

XPLOATION AWESOME PLANET

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
XAP: 118	01/01/2022	8:30AM	30	In this episode, we'll meet a few different science communicators. We'll start at Cal State Long Beach where one researcher is helping to communicate the impacts of development on local saltwater marshes. Then we'll head to Florida where we meet a researcher educating the public daily on the hazards and health effects of red tides. After that we'll visit a large STEM event in Tulsa Oklahoma where communication is key for a day with thousands of students on hand to learn about science. We'll finish up in Pennsylvania and New Jersey where a grad student uses a wind tunnel to teach others about sand dunes.
XAP: 119	01/08/2022	8:30AM	30	In this episode, Cousteau takes us to the American mid-West to see how wildlife in Yellowstone National Park cope with the harsh winter environment. We then climb to the top of Zion National Park's most famous peak before heading to a Pacific Island to explore some of the tallest sea cliffs in the world. The journey ends by venturing into the Canadian wilderness to experience a crystal-clear nighttime sky.
XAP: 120	01/15/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores the different ways an environmental painter, sculptor, photographer and craftsman blend nature with art.
XAP: 121	01/22/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau dives off the coast of Australia to explore the Great Barrier Reef. He then heads to James Cook University to get an up-close look at some of the country's deadliest creatures. Philippe ends his journey by visiting the National Sea Simulator at the Australian Institute of Marine Science.
XAP: 122	01/29/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau travels to New Zealand, where he explores Auckland's volcanic field and comes face-to-face with one of the largest insects on the planet. We then head to the

Program/episode	Date	Time	Duration	Summary
				South Island for a breathtaking helicopter ride and a visit to a small coastal town.
XAP: 122	01/30/2022	1PM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau travels to New Zealand, where he explores Auckland's volcanic field and comes face-to-face with one of the largest insects on the planet. We then head to the South Island for a breathtaking helicopter ride and a visit to a small coastal town.
XAP: 123	02/05/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, Cousteau heads to Hawaii to see an incredibly rare waterfall of lava pouring into the ocean. We'll then visit the legendary Antelope Canyon of Arizona, walk atop a unique frozen lake in Alberta, and take a magical scuba dive into a cenote in Mexico.
XAP: 124	02/12/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we reveal the winner of our first ever #StudentExplorer Contest. Philippe and the lucky student then head to Mexico to swim with whale sharks in the wild.
XAP: 125	02/19/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, he unearths some of the ways scientists, students and regular citizens are working to save our Earth. From creating "safe havens" for New Zealand's endangered species, to breeding clownfish in Australia, and introducing disadvantaged kids to the wonders of the oceans, these environment guardians are doing their part to make a positive impact in the world.
XAP: 126	02/26/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Philippe travels to Pennsylvania to explore a hidden wonder beneath the Appalachian Mountains and see how researchers at Carnegie Mellon University are using cutting-edge science to measure air quality in Pittsburgh. We'll also investigate a bolder field where the rocks make a unique "ringing" sound and then stop by a mushroom

Program/episode	Date	Time	Duration	Summary
				farm to unearth how sustainable farming practices can positively impact inner city gardens.
XAP: 128	03/12/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we visit Pennsylvania to see how engineers are using new technology to fast-track the replacement of more than 500 bridges. Then it's off to New Orleans for an inside look at the city's newly constructed \$1.1 billion dollar hurricane protection facility. A stop in Seattle reveals how migrating salmon can bypass America's busiest locks. And finally, a trip to Mexico reveals the ancient symbolism hidden in the Mayan ruins at Chichén Itzá.
XAP: 127	03/12/2022	12:30PM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he visits a few rangers in our national parks. In this episode, we'll travel to Yellowstone National Park to learn how rescue dogs can find people caught in an avalanche and how rangers manage trails in harsh winter conditions. From there trips to Hawaii and Utah will see how rangers keep visitors safe from dangerous conditions and how technology can connect us to our parks more and more.
XAP: 129	03/19/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he looks into examples of human and animal coexistence. In this episode, Cousteau will travel to Australia to catch the world's deadliest jellyfish and see how climate change could lead them to some of the country's most popular beaches. We'll also visit California to see how after years on the brink of extinction that California Condor continues to slowly recover. And finally, a visit to Maui to see how volunteers protect the endangered Hawaiian Monk Seal.
XAP: 130	03/26/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he examines different methods of farming. We'll join an oyster farmer as he pulls in a harvest off the coast of southeastern Louisiana, and then visit an aquaponics farm in Los Angeles to see how the owner is promoting sustainable food sources. From there, we'll head to Pennsylvania to learn about a program to train new farmers and help them establish their own agricultural businesses.
XAP: 131	04/02/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we

Program/episode	Date	Time	Duration	Summary
				venture into the remote wilderness of British Columbia, and get up close and personal with its animal inhabitants.
XAP: 132	04/09/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we observe two of the ocean's apex predators in the wild. We'll start in British Columbia following an orca researcher in the field to observe a hunt and try to get a biopsy sample of these massive predators. Then it's off to Cape Cod, Massachusetts where we head out with one of the world's prominent researchers of great white sharks. We'll look to tag free-swimming white sharks throughout the day as they swim up and down a coastline full of seals.
XAP: 133	4/16/2022	8:30AM	30	In this episode, Philippe takes us inside one of the most powerful forces on Earth - wind. First, he joins researchers studying category five hurricanes, which have winds in excess of 157 miles per hour. Then it's off to follow tornado trackers as they hunt for a twister. Afterwards, Philippe discovers the surprising way that wind causes lightning to form. And finally, he takes a trip up a mountain where the fastest winds in the Northern Hemisphere have been recorded.
XAP: 134	04/23/2022	8:30AM	30	In this episode, we reveal the winner of our third ever #StudentExplorer Contest. Philippe and the lucky student then head to Hawaii to meet up with famed conservationist Ocean Ramsey where they will swim with sharks three miles off-shore in their natural habitat.
XAP: 135	04/30/2022	8:30AM	30	In this episode, we'll visit a facility in Reno that makes biofuel for United Airlines aircraft. We'll also look at kelp farming in Maine, plastic waste reduction at the University of Pennsylvania, and ways solar technology has advanced.
XAP: 136	05/07/2022	8:30AM	30	In this episode, we travel to the country of Slovenia and look at how karst rock has led to the formation of over 12,000 caves across the country. We'll also see how Slovenia is a global leader in sustainability including a capital city that hopes to achieve their goal of zero waste.
XAP: 137	05/14/2022	8:30AM	30	In this episode, we will visit a few different animal rescues centers starting with the marine mammal centre in Vancouver as they tend to orphaned harbor seals. We'll then head to Thailand where illegally caught gibbons have been rescued and are slowly being reintroduced back into the wild. We'll then see the help given to an orphaned

Program/episode	Date	Time	Duration	Summary
				baby anteater in Panama. The show will wrap up in New Zealand where a family run rescue center aims to help endangered kiwi birds.
XAP: 138	05/21/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we see a few different ways researchers are fighting invasive plants, animals, and materials in native habitats.
XAP: 139	05/28/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll see ways that water is the backbone of energy and resources in different areas across the planet.
XAP: 140	06/04/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll meet teens that are working to make the planet a better place with innovative ideas and lots of hard work.
XAP: 141	06/11/2022	8:30AM	30	In this episode, we dive with dozens of bull sharks in Fiji to see how a protected marine reserve is helping local sharks to thrive. We then head to South Florida to plant native mangroves in an area of need. We head down to a nearby beach to then remove invasive plants that affect Miami's coastlines in a negative way. The journey ends with a trip to Maui where local volunteers help to keep endangered Hawaiian Monk Seals safe when they come ashore.
XAP: 142	06/18/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores some of our planet's most incredible natural formations. We'll look at different types of corals in Fiji, visit a remote glacier in the Canadian Rockies, and marvel at the arches of the Utah desert.
XAP: 143	06/25/2022	8:30AM	30	In this episode, we travel to the intersection of sports and our environment. We start in the Rocky Mountains where an Olympic snowboarder aims to keep our mountains protected. Then it's off to Hawaii where a professional surfer is teaching kids the importance of keeping our oceans and beaches clean. From there it's on to California as a world champion boxer fight for water

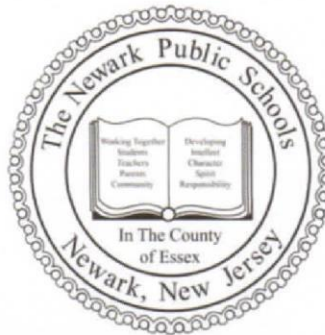
Program/episode	Date	Time	Duration	Summary
				rights. And finally, a professional football team hopes to lead the way with renewable energy in their stadium.
XAP: 144	07/02/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we reveal the winner of our second ever #StudentExplorer Contest. Philippe and the lucky student then head to Fiji for dolphins, diving, and to take part in a coral reef restoration project.
XAP: 145	07/09/2022	8:30AM	30	In this episode, we learn from the students who want to change the world. We'll start at the national finals of the Stockholm Junior Water Prize where students are presenting solutions to some of our biggest challenges. Then we see how one student teaches younger kids about climate change in a creative way. We'll wrap up with a team of college students in Pennsylvania who help the local community by monitoring local sinkholes.
XAP: 146	07/16/2022	8:30AM	30	In this episode, we visit a few examples of threatened places. We'll start in North Carolina looking at the effects of sea level rise on barrier islands. Then we see how innovative tools are helping to protect against future oil spills. We'll head to Utah to learn why over a million acres of pristine land is now under threat of development. And we'll end in Pennsylvania where one sanctuary has put protections in for migrating raptors before it's too late.
XAP: 147	07/23/2022	8:30AM	30	In this episode, we see a few hidden parts of nature. We'll start in Washington where the Seattle Aquarium shows us a few unique traits to see otters. Then we'll head to Australia to look at the small mantis shrimp that packs a heavyweight punch. We'll finish up in Florida following one researcher who combs the beaches in the early morning to find and protect newly made turtle nests.
XAP: 148	07/30/2022	8:30AM	30	In this episode, we visit a few remote areas to see how research and restoration is conducted. We'll start in the Yasawa Islands of Fiji where manta rays migrate each year for food. Then we'll go to the Hawaiian island of Kaho'olawe, which is off-limits to the general public. Here we'll see a unique history of destruction that one organization is helping to restore. We'll finish up in Virginia seeing how drones are helping researchers access remote locations quicker and easier.

Program/episode	Date	Time	Duration	Summary
XAP: 149	08/06/2022	8:30AM	30	In this episode, we'll meet a few different science communicators. We'll start at Cal State Long Beach where one researcher is helping to communicate the impacts of development on local saltwater marshes. Then we'll head to Florida where we meet a researcher educating the public daily on the hazards and health effects of red tides. After that we'll visit a large STEM event in Tulsa Oklahoma where communication is key for a day with thousands of students on hand to learn about science. We'll finish up in Pennsylvania and New Jersey where a grad student uses a wind tunnel to teach others about sand dunes.
XAP: 150	08/13/2022	8:30AM	30	In this episode, we observe two of the ocean's apex predators in the wild. We'll start in British Columbia following an orca researcher in the field to observe a hunt and try to get a biopsy sample of these massive predators. Then it's off to Cape Cod, Massachusetts where we head out with one of the world's prominent researchers of great white sharks. We'll look to tag free-swimming white sharks throughout the day as they swim up and down a coastline full of seals.
XAP: 151	08/20/2022	8:30AM	30	In this episode, Philippe takes us inside one of the most powerful forces on Earth - wind. First, he joins researchers studying category five hurricanes, which have winds in excess of 157 miles per hour. Then it's off to follow tornado trackers as they hunt for a twister. Afterwards, Philippe discovers the surprising way that wind causes lightning to form. And finally, he takes a trip up a mountain where the fastest winds in the Northern Hemisphere have been recorded.
XAP: 152	08/27/2022	8:30AM	30	In this episode, we reveal the winner of our third ever #StudentExplorer Contest. Philippe and the lucky student then head to Hawaii to meet up with famed conservationist Ocean Ramsey where they will swim with sharks three miles off-shore in their natural habitat.
XAP: 101	09/03/2022	8:30AM	30	In this episode, we'll visit a facility in Reno that makes biofuel for United Airlines aircraft. We'll also look at kelp farming in Maine, plastic waste reduction at the University of Pennsylvania, and ways solar technology has advanced.
XAP: 102	09/10/2022	8:30AM	30	In this episode, we travel to the country of Slovenia and look at how karst rock has led to the formation of over 12,000 caves across the country. We'll also see how Slovenia is a global leader in sustainability including a capital city that hopes to achieve their goal of zero waste.

Program/episode	Date	Time	Duration	Summary
XAP: 103	09/17/2022	8:30AM	30	In this episode, we will visit a few different animal rescues centers starting with the marine mammal centre in Vancouver as they tend to orphaned harbor seals. We'll then head to Thailand where illegally caught gibbons have been rescued and are slowly being reintroduced back into the wild. We'll then see the help given to an orphaned baby anteater in Panama. The show will wrap up in New Zealand where a family run rescue center aims to help endangered kiwi birds.
XAP: 104	09/24/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we see a few different ways researchers are fighting invasive plants, animals, and materials in native habitats.
XAP: 105	10/01/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll see ways that water is the backbone of energy and resources in different areas across the planet.
XAP: 106	10/08/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll meet teens that are working to make the planet a better place with innovative ideas and lots of hard work.
XAP: 107	10/15/2022	8:30AM	30	In this episode, we dive with dozens of bull sharks in Fiji to see how a protected marine reserve is helping local sharks to thrive. We then head to South Florida to plant native mangroves in an area of need. We head down to a nearby beach to then remove invasive plants that affect Miami's coastlines in a negative way. The journey ends with a trip to Maui where local volunteers help to keep endangered Hawaiian Monk Seals safe when they come ashore.
XAP: 108	10/22/2022	8:30AM	30	In this episode, Cousteau explores some of our planet's most incredible natural formations. We'll look at different types of corals in Fiji, visit a remote glacier in the Canadian Rockies, and marvel at the arches of the Utah desert.
XAP: 109	10/29/2022	8:30AM	30	In this episode, we travel to the intersection of sports and our environment. We start in the Rocky Mountains where an Olympic snowboarder aims to keep our mountains protected. Then it's off to Hawaii where a professional

Program/episode	Date	Time	Duration	Summary
				surfer is teaching kids the importance of keeping our oceans and beaches clean. From there it's on to California as a world champion boxer fight for water rights. And finally a professional football team hopes to leads the way with renewable energy in their stadium.
XAP: 110	11/05/2022	8:30AM	30	In this episode, we reveal the winner of our second ever #StudentExplorer Contest. Philippe and the lucky student then head to Fiji for dolphins, diving, and to take part in a coral reef restoration project.
XAP: 111	11/12/2022	8:30AM	30	In this episode, we learn from the students who want to change the world. We'll start at the national finals of the Stockholm Junior Water Prize where students are presenting solutions to some of our biggest challenges. Then we see how one student teaches younger kids about climate change in a creative way. We'll wrap up with a team of college students in Pennsylvania who help the local community by monitoring local sinkholes.
XAP: 112	11/19/2022	8:30AM	30	In this episode, we visit a few examples of threatened places. We'll start in North Carolina looking at the effects of sea level rise on barrier islands. Then we see how innovative tools are helping to protect against future oil spills. We'll head to Utah to learn why over a million acres of pristine land is now under threat of development. And we'll end in Pennsylvania where one sanctuary has put protections in for migrating raptors before it's too late.
XAP: 113	11/27/2022	6:30AM	30	In this episode, we see a few hidden parts of nature. We'll start in Washington where the Seattle Aquarium shows us a few unique traits to see otters. Then we'll head to Australia to look at the small mantis shrimp that packs a heavyweight punch. We'll finish up in Florida following one researcher who combs the beaches in the early morning to find and protect newly made turtle nests.
XAP: 114	12/04/2022	6:30AM	30	In this episode, we visit a few remote areas to see how research and restoration is conducted. We'll start in the Yasawa Islands of Fiji where manta rays migrate each year for food. Then we'll go to the Hawaiian island of Kaho'olawe, which is off-limits to the general public. Here we'll see a unique history of destruction that one organization is helping to restore. We'll finish up in Virginia seeing how drones are helping researchers access remote locations quicker and easier.

Program/episode	Date	Time	Duration	Summary
XAP: 115	12/11/2022	6:30AM	30	In this episode, we'll meet a few different science communicators. We'll start at Cal State Long Beach where one researcher is helping to communicate the impacts of development on local saltwater marshes. Then we'll head to Florida where we meet a researcher educating the public daily on the hazards and health effects of red tides. After that we'll visit a large STEM event in Tulsa Oklahoma where communication is key for a day with thousands of students on hand to learn about science. We'll finish up in Pennsylvania and New Jersey where a grad student uses a wind tunnel to teach others about sand dunes.
XAP: 116	12/18/2022	6:30AM	30	In this episode, Cousteau takes us to the American mid-West to see how wildlife in Yellowstone National Park cope with the harsh winter environment. We then climb to the top of Zion National Park's most famous peak before heading to a Pacific Island to explore some of the tallest sea cliffs in the world. The journey ends by venturing into the Canadian wilderness to experience a crystal-clear nighttime sky.
XAP: 117	12/24/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores the different ways an environmental painter, sculptor, photographer and craftsman blend nature with art.
XAP: 118	12/31/2022	8:30AM	30	Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau dives off the coast of Australia to explore the Great Barrier Reef. He then heads to James Cook University to get an up-close look at some of the country's deadliest creatures. Philippe ends his journey by visiting the National Sea Simulator at the Australian Institute of Marine Science.



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7/18/16

Stephanie Wolf
Director of Development
Steve Rotfeld Productions
740 East Haverford Road
Bryn Mawr, PA 19010

Re: Review of Xploration Station

Dear Ms. Wolf,

I have been an educator for over 30 years, holding a variety of positions including technology coordinator, math, and bilingual education within the Newark, NJ Public School system. Viewing your programs instilled hope in me for the future of educational television programming; Xploration Station makes learning fun and interesting for people of all ages.

All of the Xploration Station programs (Awesome Planet, Earth 2050, Outer Space, Weird But True, Nature Knows Best and DIY Sci) have been created for the purpose of educating and entertaining students on STEM subjects (Science, Technology, Engineering and Math). Statistics show that the US has fallen behind other countries in these subjects, and as a consequence, many jobs have been outsourced to better-educated prospects. I had the opportunity to view and evaluate several episodes of each of the stated series. All of these programs target children ages 13-16, however they certainly will appeal to viewers of all ages.

XPLORATION AWESOME PLANET:

This program addresses many topics related to Earth Sciences, encompassing all the fields of science dealing with planet EARTH. To name only a few of the topics discussed in this program: geography, geology, ecology, and glaciology (the glaciers of the earth). It is hosted by Philippe Cousteau, an environmentalist and the grandson of Jacques Cousteau, who brings a lot of enthusiasm to the study of the earth. I was impressed with the producer's ability to successfully deliver scientific information in such an entertaining and engaging way. It gives the viewer an appreciation of the fine balance that exists in our atmosphere. It would be easy for educators to use the content to create lesson plans on Earth Sciences from this program.

Here are a few details from several episodes:

Extinction Earth Episode:

Filmed in Yellowstone National Park, this episode describes and shows geothermal features, the stored thermal energy within the earth's surface. It is very visual and explains why there are geysers, hot springs, volcanoes and the potential issues if the earth balance is disrupted or changed. This episode also explains what meteoroids and asteroids are, and why they are formed. In Northern Arizona a meteoroid created a huge crater 50,000 years ago, and it is interesting to view this in the middle of the desert.

Another episode was filmed in the Canadian Rockies and explained how glacier melt formed beautiful Lake Louise. The program also addresses the concern of rapidly melting and receding glaciers in the Canadian Rockies.

XPLORATION EARTH 2050:

This fascinating and imaginative program allows the viewer to think about all the possibilities for our future world. It looks into the potential of bringing science, technology, engineering and math to another level.

One of the episodes I viewed called "The Future Explores the Past" showed how our improved technology is helping archeologists and anthropologists to study the earth's past. Experts talk about how "Future Tech" and the use of radar, 3D printers, computer generated maps, sophisticated telescopes, drones, and satellite imagery help us to understand how past civilizations lived, how our planet is changing, and giving us very useful information that could not have previously discovered. I found it most interesting to see how advances in modern technology have significantly improved our study of the past. There were many discussions with expert archeologists and anthropologists in the field.

Another Episode of Xploration Earth 2050 called "The Animal Kingdom Meets the Future" demonstrates how advanced technology is able to improve the lives of all animals. One of the segments demonstrated how a prosthetic device was created with the help of a 3D printer for a dog unable to use his front legs. The viewer can see the paraplegic dog able to run with the use of this device. Another segment showed how drones were being used in Detroit to help find abandoned and stray animals, and ultimately save them. The concept of future tech having a large impact on the lives of both humans and animals was most interesting. It appears that every year our technology is becoming more refined and improved, so the future holds unimaginable possibilities.

XPLORATION OUTER SPACE:

This show is very captivating for anyone who is interested in outer space and its possibilities. Host Emily Calandrelli is an aerospace expert, and was a former NASA employee. She is a wonderful role model for women interested in science, as she is young, smart and very passionate. The show also includes interviews with many other knowledgeable experts on the subjects being discussed.

I viewed the episode of Xploration Outer Space titled Solving Mars. Solving Mars' unique challenges will be necessary before we can safely attempt to send astronauts there. At this time, two thirds of all spacecraft sent to Mars without humans have failed, so designing an aircraft that can enter and exit Mars safely is difficult. Besides the distance (it is estimated that it will take 2 ½ to 3 years to get there, further than we have ever been to)) it also presents with

a dangerous environment. Some of the issues that need to be dealt with are the need for radiation protection, the possibility of many dust storms and hazardous weather on Mars. Space suits must be created that will protect humans from dust, radiation, etc. They are investigating how difficult it would be for 6 astronauts to spend 2 ½ - 3 years together in a closed environment, the time required to travel to Mars. They would be away from family and friends, so their physical, psychological and emotional states must be considered. Another episode viewed was titled ASTRONAUT HEALTH and addresses the concerns of keeping astronauts healthy. One issue is the lack of gravity in space which causes bone and muscle loss. To counteract this, treadmills are installed in spacecrafts and the astronauts must work out frequently to keep their bones and muscles intact. Prior to going into space they need to undergo vigorous conditioning so they are in optimal shape. Another problem addressed is potential for vision problems in space, due to the rush of fluid into the upper body and brain due to the lack of gravity to keep this fluid down. This fluid in the head has the potential for causing serious visual as well as other problems. This program will enlighten students, and motivate them to find out more about Outer Space.

WEIRD BUT TRUE:

This playful and curious series shows viewers how fun and surprising science can be! The series clearly looks at a wide variety of topics, which seems to appeal to a broad audience, especially the target age group, 13-16 year olds. The hosts bring an enthusiasm to the series that is downright contagious. Overall it has a “pop” science feel that kept me engaged and excited to learn more. Having the Nat Geo seal on this program was an added bonus. I could definitely see myself using a number of these episodes in my classroom to introduce my students to new topics.

One of the episodes called “Sense-Ability” reveals the strange and interesting ways our senses work. The hosts, Charlie and Kirby, go to a research lab to speak with a scientist about how our senses function. They take an in-depth look at how taste and smell come together to help us interpret “flavors.” By using a series of experiments, the hosts teach kids all about how their senses work in a way that is fun and interactive. I thoroughly enjoyed how the hosts would throw out Weird But True “fun facts” throughout the episode. They are a great way to keep kids with shorter attention spans engaged. A personal favorite of mine was that “babies can both smell and taste things before they’re born” – a fact I never knew!

Another episode of Weird But True called “Hurricanes vs. Tornadoes” teaches kids all about super storms. I enjoy how they start every episode covering the 101 of the subject matter to help give the episode context upfront. The “craft” elements are easy to follow, and help break down complex science into easily digestible and entertaining lessons. Once Charlie and Kirby explained the basics behind the storms, they gave a glimpse at a “day in the life” of a real-life expert. Overall I found this to be as entertaining as it was educational.

XPLORATION DIY SCI:

This show is hosted by Steve Spangler, a very popular science educator, who is able to relate well to all age groups, particularly teenagers. He performs science experiments, making them fun and simultaneously explaining the scientific principles behind them. They can be performed at home or in the classroom. He uses common household items that can easily be found in the home. He makes it clear when caution is necessary, such as the use of protective goggles. One

of the episodes I viewed was on the power of Air Pressure. With the use of household items such as a glass jar, coaster and bowl he demonstrates how the air pressure pushing up on the jar will prevent the water from spilling out when turned upside down. He also performs a fascinating experiment with the use of a glass bottle, hardboiled egg, a match and small strip of paper that goes into the bottle. The strip of paper is lit and placed into the bottle, and the egg is then placed on the rim. When the flame goes out, the air molecules in the bottle cool down and contract, making room for more air molecules and creating a vacuum. The egg sitting on the rim is quickly sucked into the bottle because of the greater pressure on the outside.

Another episode that was so much fun to watch was the science behind soda or any carbonated beverage, and explains how carbon dioxide gas creates the bubbles in soda. When you open a can of soda, you release the pressure and the carbon dioxide gas escapes from the liquid, which comes out in the form of bubbles. When it is in the can the pressure inside keeps the carbon dioxide dissolved in the water and there are no bubbles until you open the can and the gas is released. The liquid then cannot hold as much carbon dioxide, so it bubbles out of the can. This episode also teaches how to make soda and the science behind it.

This show successfully explains scientific principles in a most entertaining way!

NATURE KNOWS BEST:

This program teaches how new inventions and technology are developed by observing and understanding nature. Engineers look to nature to help design innovative products.

The host, Marine Biologist Danni Washington, is a young woman who captivates the audience with her enthusiasm. The episode I viewed goes into depth as to how scientists examine birds to develop more advanced aircraft. They look at specifics including wing size, wing movements, etc. They look to birds to understand the physics of flight. Nature itself keeps improving, and therefore they feel that further study can continue to improve our ability to make the most efficient aircraft for both commercial and military purposes.

Also showed graphic exciting images of parachuting and how we can observe flying squirrels to see how they maneuver in the air, and helped in the development of wing suits.

Another episode viewed titled "Bio-Based Building" looks at how the construction of buildings are surprisingly influenced by nature. A "living building" call the Bullitt Center is six stories high and resembles a tree. It creates its own energy, collects its own water, and recycles its own waste. Another interesting segment is about the lotus leaf, and how it helped to develop a new water-resistant paint. Very interesting and unique material for sure.

Overall, I found that each of the Xploration Station programs bring something unique to the table. While they are all entertaining and engaging in their own ways, they fit together to create a block of programs an entire family could enjoy together. It is my professional opinion that this programming is exactly the sort of content we need to be sharing with our kids.

Vivian F. Rivera

Vivian F. Rivera

Elementary Bilingual Educator



CHESTER UPLAND SCHOOL DISTRICT
OFFICE OF STUDENT SERVICES
1720 MELROSE AVENUE
CHESTER, PENNSYLVANIA 19013
610.447.3880
610.499.2683 (fax)

July 16, 2016

Fern Rotfeld
Steve Rotfeld Productions
740 Haverford Road
Bryn Mawr, PA 19010

Re: Review of Xploration Station

Dear Ms. Rotfeld:

As a leader in public education, I am always looking for teaching tools that will both engage students and meet the ever-increasing curricular expectations of both the state and federal governments, as well as the job market our students will eventually find themselves a part of. In the last five years there has been a growing pressure to prepare students for the jobs that will be most prevalent, namely those in the areas of science, technology, engineering and math (STEM). The Xploration Station program block, consisting of six half hour programs: Xploration Earth 2050, Xploration Outer Space, and Xploration Awesome Planet, Xploration Nature Knows Best, Xploration DIY Sci, and Xploration Weird But True, provide family-friendly programming that are engaging both in content and presentation, and in my opinion encourage students to consider future careers in the STEM areas.

Xploration Earth 2050 – This program is hosted by Chuck Pell, an artist, entrepreneur and futurist. The overarching theme or question presented by this show is what the future will look like in the areas of science and technology. The episode I viewed presented the wide range of developing robotics, from robots that kills germs in hospitals with light and another that allows surgeries to be completed, to exoskeletons used to allow paraplegics walk again and astronauts to move in zero gravity. For each type of robot, there is a designer, scientist or end user to talk about the development, uses and how it is changing the lives of people. As with the other shows in this block, it is designed to present the information in a visually stimulating way, with a pace and visual effects that address the need for the material to be engaging to younger viewers.

Xploration Outer Space – This program is hosted by Emily Callendrelli, a host that demonstrates that young women can be cool, smart, and still chose careers in science. This message is critical to addressing the dearth of women who choose to go into STEM careers. The series addresses all areas of space exploration: planets, stars, moons, and how science, engineering and technology are allowing us to learn more every day. The presentation takes very technical and complex information and presents it in a way that is accessible to viewers, but manages to remain very high level in its concepts. In this episode they demonstrated the variety of ways in which balloons are allowing scientists to collect information in ways never done before. Each segment also explains why the information is being collected and what we hope to learn.

Xploration Awesome Planet – This program is hosted by Phillipe Cousteau, another very engaging host that younger viewers will relate to. Awesome Planet presents earth sciences, including geology, geography and meteorology. The theme of the episode I viewed was ‘fire and ice,’ and how both fire and ice shape the earth’s environments. The episode looked at how extreme forest fires are leaving deposits on the ice sheets in Greenland, contributing to the rate they are melting; the impact of lightening on the surface of the earth (e.g. forest fires) as well as the science that tracks lightening; and a look at Iceland, which boasts both active volcanoes and glaciers.

Xploration Nature Knows Best – This program is hosted by Danni Washington, a young Marine Biologist who brings a lot of passion and fun to the world of science and biomimicry. The show explores how we develop new technologies, products and inventions based on the study of nature. One of the episodes I viewed was “Bio-Based Building” and it was fascinating to learn about a waste-movement system that is based on the intestines of animals. An example was the blue whale. Another episode gave the viewer tremendous insight into how the study of birds has helped us develop some of our most advanced aircrafts. I found the visuals helpful in understanding the concepts explained. This show will give the viewer a greater appreciation of nature and how it can contribute to advances in technology, as well as the development of new products and inventions.

Xploration DIY SCI – This program is hosted by Steve Spangler, a scientist who makes science principles fun to learn by performing captivating experiments. All of his experiments used household items, so they can be duplicated in the classroom or at home. I viewed one episode that includes several experiments related to the power of air pressure. A can of soda is used to teach about the change in carbon dioxide gases and air pressure. I watched a soda can implode when it was dropped into a bowl of water, due to the change in pressure. The host successfully offers clear explanations and provides excellent visual images of scientific principles.

Xploration Weird But True – This program is hosted by a talented brother and sister team. Charlie, an Ecologist and his sister Kirby bring a lot of excitement and humor to this program. I viewed an episode on “Hurricanes versus Tornadoes” which thoroughly explains how storms are formed, and addresses many little known details about them. An excellent interview with an expert is included in this episode. I also viewed an episode called “Sense-Ability” which explores our five senses. Many “Fun Facts” were revealed in both these shows. Educators could certainly use a lot of this material in the classroom.

From the perspective of an educator, the Xploration programs meet many criteria for educational tools: they present a variety of topics all aligned to the encourage students into STEM careers; they present topics in an accessible way that addresses the Common core drive for students to be able to understand and answer higher level questioning, and perhaps most importantly, the presentation is very engaging to younger viewers. The importance of this last factor cannot be under-estimated. If a younger viewer won’t watch the show, everything else is meaningless.



Andria B. Saia, JD, M.Ed
Assistant Superintendent

Xploration Station - Educator Evaluation

Educators today are looking for compelling, engaging audiovisual content that serves the needs of students. **Xploration Station** produced by Steve Rotfeld Productions meets that need. Experts consider the lack of STEM graduates as a risk to US competitiveness and even national security. The **Xploration Station** shows address one of the most pressing issues of our time.

"At the top of the list of challenges to American competitiveness and national security is the lack of STEM (science, technology, engineering, and math) graduates in our schools and universities."
~ American Security Project

The shows encompass the best of modern science. The shows will not only encourage interest in particular topics, but also plant the seeds for a lifelong fascination with science. Many scientists today credit their initial interest to television science programs. The **Xploration Station** shows will serve a vital role inspiring students to undertake STEM careers.

Xploration Station Outer Space – Any child who looks at the night sky cannot fail to be awed by the spectacle. As I worked with the team that created the *Overview Effect* short movie that has 3.7 million views on Vimeo, I am confident that *Xploration Station Outer Space* will build on the natural fascination kids have for the night sky. The shows enable students to connect space to their personal experience. Students study the problem of how to wash your hair in space while also addressing big questions, such as the possibility for life beyond Earth. Topics such as space weather cover very real challenges that connect students to potential careers in related technology.

Xploration Station Awesome Planet – It's astonishing to realize that we know more about the surface of the moon and Mars as we do about the less accessible corners of our own planet. *Xploration Station Awesome Planet* will inspire students' desire to learn about the wonders of our Earth by taking them to these hidden places, such as charismatic volcanoes and the mysterious deep oceans. As the author of two travel guidebooks to the Amazon rainforest, I can testify that a show that entertains while it educates is a powerful way to reach into the hearts and minds of students. As the world undergoes unprecedented change, we certainly need more scientists to unravel Earth's mysteries. *Xploration Station Awesome Planet* will go a long way to meeting that need.

Xploration Station Earth 2050 – Although change can be unsettling, most parents and educators know how readily kids embrace it. The episodes of *Xploration Station Earth 2050* build on the fascination children have for the

power of technology, not only the seeming magic of it, but also its ability to solve pressing problems. As an early adopter and with my own long time interest in futurism, it's clear to me that students want to understand where science and technology are taking us, and the kind of world we are creating for our own children. *Xploration Station Earth 2050* shows students the potential of technological trends, such as robotics, automated transport system and artificial intelligence, to change our world for the better.

Profile

I am a former middle school teacher and continue to work with local schools on program development. I also currently work with leading online science education providers such as Discovery Education, providing standards-based content for Discovery's Techbook, which is the leading online education portal for middle and high school teachers. I've also provided science curriculum content to top STEM organizations including Intel, 3M and the US Navy.

With this breadth of experience, I am confident in fully supporting **Xploration Station** for its educational value. The shows will benefit teachers by promising an entertaining format to engage students, but without "dumbing down." In this way, the style of programming allows students to explore and expand on topics they encounter in the regular curriculum. The country needs **Xploration Station** for the sake of our teachers, children and the national interest.

Roger Harris
Principal, Harris Social Media LLC
October 2015



Kendra Wambold
1205 Mega Lane
Gilbertsville, PA 19525 484.903.1921
kendra.wambold@gmail.com

To Whom It May Concern:

Series Review

Program: *LIFE 2.0*

Shows Reviewed: Episode 104 "Making Contact" and Episode 107 "Digi-Life"

Program length: Episode 104 "Making Contact" 22 minutes, 12 seconds

Episode 107 "Digi-Life" 22 minutes, 5 seconds

LIFE 2.0 is a science-based educational program that is produced for children aged 13-16 years old. The purpose of this series is to educate, inform, as well as entertain children in this age group. Each episode in this series embarks upon a different science topic which would be of educational value and interest to viewers in this age category. The show begins by introducing the topic of that episode and setting a purpose for watching and learning. This is achieved by the narrator posing several questions that children can answer or discuss during and/or after each episode. This series engages children to connect what they know about a topic from their schema to new information. During this process children will utilize a series of critical thinking skills, based on Bloom's Taxonomy, such as identification and recall of knowledge, comprehension and organization of information, application, analysis, synthesis, and finally evaluation/creation, which can include opinions as well as ways to extend further learning.

Science as well as other related content areas (Math, Engineering, Technology) become more specialized in school for this age group and *LIFE 2.0* not only helps support the curriculum, but engages children in topics that pique interest and contribute to further investigations into STEM areas.

LIFE 2.0 is a narrated series by Casey Turner. Her style of delivery keeps the audience excited and waiting for the next tidbit of information. There are also many well-known and respected scientists and innovators who appear in these episodes. In the episode "Making Contact," such notable scientists include Dr. Michio Kaku, Professor of Theoretical Physics who has appeared on many educational series. Dr. Douglas Vakoch, astrobiologist, psychologist, and founder/president of METI International. Dr. Penny Patterson, who many children of this age group will recognize immediately. She is an animal psychologist who is renowned for her work with Koko the gorilla and language. Children are introduced to Dr. Penny Patterson's work in second grade. Dr. Diana Reiss, cognitive psychologist and marine mammal scientist, who, like Dr. Patterson, is wellknown for her work with language and animals, focusing on dolphins. Several futurists appear in this episode as well who further engage children to think critically as questions are posed about our universe.

In the episode "Digi-Life" physicist Dr. Michio Kaku makes a return appearance. In addition, several experts and innovators in the field of language technology add to the discussion and content, such as Dr. Stephen Smith, Executive Director, USC Shoah Foundation, Dr. David Traum, Director Natural Language Tech, ICT at USC, Eugenia Kuyda, co-founder of Replika, and Carl Minardo, President and CEO of AIMHolographics. Again, several futurists also make an appearance to bring their point of view to the discussion and pose interesting and relevant questions.

The number of female scientists and a female narrator is worth mentioning as STEM areas are still predominately male. According to the American Association of University Women, only 28% of females make up the STEM workforce (aauw.org). *LIFE 2.0* has made a purposeful effort to include more females from the science and technology community to serve as role models for girls interested in STEM areas and crush stereotypes.

In Episode 104 "Making Contact," the viewer is introduced to the notion of life beyond our planet and poses the age-old question "Are we alone?" The episode goes on to question that if we made contact with extraterrestrial beings how would we communicate with them? Would being able to communicate with animals hold the key to communicating with extra-terrestrials? How do we go about decoding that language? As the episode dives into this content the viewer is introduced to Dr. Kaku, who presents the idea that if the day comes where the human race is face to face with another planetary being that being able to decode their language is of quintessential importance to understanding how advanced they are and their intentions for coming to Earth. Children in the 13-16 age group could pause the episode at this point and discuss the questions presented in the beginning of the episode, whether at home or in a classroom setting. "How" and "Why" questions engage higher-order critical thinking skills because it causes a person to engage in application, analysis, synthesis, and/or evaluation. The episode continues with Dr. Vakoch and the work of METI International sending signals into outer space in the form of radio waves. Later in the episode, Dr. Vakoch mentions how METI uses math as a universal basis for the signals being sent to space. At this point the episode presents sort of a "devil's advocate" approach as valid questions by many are posed, including Dr. Kaku, regarding the notion of "Is it a good idea to send signals into space? Should we be reaching out?" Again, this material lends to purposeful discussion as these questions elicit that debate. As the episode continues, the idea of needing to decode language as the first step to communication with extraterrestrials is again stated and becomes the basis for the rest of this episode. Being able to decode the language barrier between humans and animals would be the first step in this process. Here the episode features both Dr. Penny Patterson and her work with language with Koko the gorilla as well as Dr. Diana Reiss and her work with language and dolphins. The scientific breakthroughs in language and communication with these animals that both Dr. Patterson and Dr. Reiss have achieved are remarkable. This information is fascinating, relevant, thought-provoking, interest-piquing, heart-felt, passionate, and at times even a bit humorous. Several futurists also appear throughout the episode raising additional questions regarding the universe and if life beyond our own planet exists. The episode wraps us with some thoughts by Dr. Vakoch, Dr. Kaku, as well as an interesting observation made by Dr. Reiss. Dr. Reiss suggests that if we were to meet extra-terrestrials, we would see them from our point of view and those extra-terrestrials would see us from their point of view. However, chances are, as we are thinking about how to communicate with them, they would be thinking the same thing back. The idea of our point of view versus another's point of view could be explored by children of this age group and align with curriculum standards. "MakingContact" is an exciting episode which poses the viewer with interesting and essential scientific information, both theoretical and empirically-based, as well as many thought-provoking questions that lend to critical thinking skills through discussion, debate, further exploration, and investigation.

In Episode 107 "Digi-Life," the idea that digital technology connects us to others in the world is presented. The question "But what if tech could go one step further?" is posed. This immediately piques interest and draws in the viewer. The subject of creating a digital replica of a person is presented as the topic of this episode. Another engaging question is quickly raised, "How do we remember someone after they are gone?" The show takes this idea beyond just thinking about loved ones and friends. Dr. Kaku discusses Winston Churchill in saying with the evolving technology Churchill will one day be a holographic image to talk with and interact. This leaves the viewer with a "wow" feeling and a yearning to learn more. The show then explains that this technology is already in the process of being developed at the University of Southern California Institute for Creative Technologies along with the USC Shoah Foundation with the creation of virtual digital humans. Dr. David Traum is working on a 3D interactive hologram program to achieve this. The viewer watches as Pinchas Gutter, a Holocaust survivor, goes through Dr. Traum's process to become a virtual digital human. Over 2,000 questions are asked of Pinchas which are then routed through an AI program, so that when students ask him questions, his virtual digital human will be able to provide answers and interact in a very natural way. Pinchas says it best with "What's going to happen in the future?" referring to when all the Holocaust survivors are gone. This causes the viewer to really pause. Here is another time when discussion would be appropriate with children of this age group with regards to why technology as this is so vastly and deeply important. The episode has done a remarkable job crossing content areas and demonstrating how science and technology connect to the social sciences, history, and humanity. This is educationally relevant, as this is what educators aim to achieve in the classroom each and every day by showing students the connections between different content areas and the application of that knowledge in the real world. This episode then presents this technology at a smaller level and Dr. Kaku presents the notion that our digital footprint could be "homogenized" to create a digital copy of ourselves. Regarding our digital footprints, the episode poses the question "Where does it all go? What can all that chatter be used for in the future?" These questions lend to very important discussion with children in this age group. Beyond the idea of creating virtual digital humans, this would be a good time to discuss children's online usage and the idea that everyone has a digital footprint. This episode opens the door to the important discussion of being a good digital citizen and being responsible online. The final piece of the episode presents the viewer with developing technology that can give the feeling of someone who has departed as still being with us. Eugenia Kuyda, the co-founder of

the AI app Replika, has found a way to create a chatbot using uploaded texts and pictures from a departed person's phone or computer files so that it is possible to still "text" with someone who has passed on. Similarly, Carl Minardo, President and CEO of AIM Holographics does something along the same line by creating "legacy filming." Minardo's company allows a person to create a message to be left for loved ones after he/she has passed that results in a real-life 3D version of the person creating the message. This episode wraps up with Dr. Kaku asking the question "Is this digital copy really you?" This question allows for debate and discussion and further reaches into learning as an ethical and philosophical component is added here. Digi-Life is a relevant, thought-provoking episode which piques great interest into the field of language technology and its applications. This episode not only provokes purposeful and meaningful discussion, debate, and evaluation skills for this age group, but goes one step further in opening the door to further inquiry into related topic and content areas to provide a richer and relevant learning experience.

In conclusion, both episodes presented from *LIFE 2.0* are educational on so many levels, highly engaging, and thought-provoking for its target audience. The content explored in *LIFE 2.0* is age appropriate. *LIFE 2.0* is much needed programming as not nearly enough educational programming exists for this age group, especially programming that appeals to STEM areas and makes a conscience effort to include notable females in their scientific fields to serve as role models for female students. *LIFE 2.0* is truly educational programming at its best.

Summary

Target Audience for content, delivery style, and learning goals which meet with standards

- Ages 13-16 years old

Genre

- Science, Technology, Social Sciences, Educational

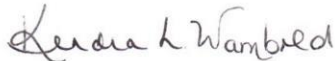
Learning Objectives

- Science and technology as inquiry
- Science in literacy, writing, listening, and speaking, technology literacy
- Evaluating science and technology, creating personal opinions and connections to the social sciences, history, and humanity

Outcomes for students

- Questions posed throughout the episodes lend to meaningful discussion and debate about differing areas of science and technology, and how these areas relate to the social sciences and humanity
- Students utilize critical thinking skills as they apply, analyze, synthesize, and evaluate the content presented
- Students gain knowledge as they explore the scientific theories regarding life beyond Earth and through evaluation, further inquiry, and dialogue create opinions about these methods as well as consequences of the possibility of making contact
- Students gain knowledge as they explore how technology has a social component and through evaluation create opinions regarding what humanity has to gain through technological developments, such as virtual digital humans

Sincerely,



Kendra Wambold

About the Reviewer: Kendra Wambold holds degrees in both the fields of education and psychology and is a certified teacher by the Pennsylvania Department of Education. Mrs. Wambold is an educator employed by Boyertown Area School District. Mrs. Wambold is also a parent of a 14 year-old daughter.



Digital Channel WZTV – D2

DOG TALES - TARGETS AGES 13-16 YEARS

Aired: SATURDAYS AT 7:30AM – A HALF HOUR PROGRAM

Each episode of Dog Tales profiles a breed of dog; its history, popularity and characteristics. Viewers will learn the differences in dogs and how those differences affect their lives. Viewers are shown families who own particular breeds, how they interact with their dogs, and how they are a valuable part of the family. Several dog experts explain the various dogs' needs, health, nutrition requirements, safety, and care.

JACK HANNA INTO THE WILD - TARGETS AGES 13-16 YEARS

Aired: SATURDAYS AT 8:00AM AND 8:30AM - HALF HOUR PROGRAM

Aired: SATURDAYS AT 9:00AM AND 9:30AM - HALF HOUR PROGRAM

Jack Hanna's Into the Wild takes viewers on excursions around the world through the eyes of America's most beloved animal adventurer and his family. More than just a collection of animal escapades, Into the Wild provides insight into the protection and conservation of some of our planet's most precious and endangered species. Into the Wild is unscripted and action packed – it takes you on a raucous ride, leaving you with a renewed appreciation for all creatures, great and small.

THE OPEN ROAD WITH DR. CHRIS – TARGETS AGES 13-16 YEARS

Aired: SATURDAYS AT 10:00AM - A HALF HOUR PROGRAM

The Open Road with Dr. Chris is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. The Open Road with Dr. Chris follows Dr. Chris Brown around the world to visit some of the most beautiful, and sometimes bizarre, places, people, and animals. Exploring international destinations, Dr. Chris will uncover some of the best kept secrets of the region – from indigenous traditions transformed by modernity to diverse wildlife across the globe. The series hands viewers a passport to adventure they'll never forget, and sometimes may find hard to believe. Each episode of The Open Road with Dr. Chris delivers not only a carefully crafted mix of environmental, cultural, and wildlife interest stories, but also educates viewers on a range of local customs and geographical landmarks.

READY, SET, PET – TARGETS AGES 13-16 YEARS

Aired: SATURDAYS @ 10:30AM - A HALF HOUR PROGRAM

Ready, Set, Pet is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Hosted by Phil Torres, this series will educate and inform teens and their families about pet adoption, responsible pet ownership, and the importance of a green space for pets. Each episode, Phil will guide a family through the pet adoption process after a careful look at their unique situation to help them make an informed decision in finding the right pet for their lifestyle. While the

family visits local shelters and rescues, experts revitalize their outdoor space to make a safe and eco-friendly home for their new pet. In the end, viewers will see family members overcome their disagreements and make the tough decision on which pet will join the family. Ready, Set, Pet will teach viewers that thoughtful preparation is key when learning to care for an animal's needs.

PET VET DREAM TEAM – TARGETS AGES 13-16 YEARS

Aired: SATURDAY AT 10:00AM - A HALF HOUR PROGRAM

This program chronicles the lives of some of the world's busiest emergency veterinarians and the animals to whom they've dedicated their lives. Veterinarians race against the clock to cure their furry and feathered patients while educating viewers on a range of medical procedures and exotic animal practices. Viewers will experience a behind-the-scenes look at the veterinary profession, as well as learn responsibility and empathy for animals of all kinds through the passionate work of the veterinarians.

TAILS OF VALOR - TARGETS AGES 13-16 YEARS

Aired: SATURDAY AT 10:30AM - A HALF HOUR PROGRAM

Tails of Valor, hosted by Kel Mitchell, is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Tails of Valor captures the incredible true stories of the service animals working to change people's lives. From family and friends to animal trainers, we'll explore how these animals are readied to serve and how they not only change the lives of their owners and handlers, but also of those around them. We'll also examine the life science behind these relationships, including the animals' unique and powerful senses that enable them to protect their human charges. From service animals for children on the spectrum to service dogs for wounded veterans, Tails of Valor will educate viewers on the day-to-day jobs of these incredible animals and the quality of life they provide the people they serve, leaving them with a greater compassion for animals. Viewers will learn to see the world from different perspectives, and how those with disabilities experience everyday life and the challenges they face.



December 1, 2014

Dear Station,

Federal Communications Commission (FCC) rules implementing the closed captioning quality standards take effect January 15, 2015. The new rules require video programming distributors to obtain compliance certifications from video programmers.

This is a compliance certification from Telco Productions, Inc.

As a video programmer, Telco Productions, Inc., in the ordinary course of business, has adopted and follows the Best Practices set forth in section 79.1(k)(1) of the Commission's captioning rules.

Thank you.

A handwritten signature in black ink that reads 'Alex Paen'. The signature is written in a cursive, flowing style.

Alex Paen
President

Telco Productions, Inc. Telco Productions, Inc.



3725 Concorde Parkway, ste 100 Chantilly,
VA 20151

December 1, 2014

Dear Telco Productions,

The captioning vendor best practices outlined by the FCC in their February 2014 closed captioning Report and Order were modeled in part upon the policies and procedures of the National Captioning Institute, and I attest that NCI adheres to the best practices therein. Additionally, I served as the lead author of the Captioning Vendor Best Practices document on which the FCC's guidelines are based, and key personnel from the FCC visited NCI headquarters to review our operations and help them prepare the Report and Order.

Sincerely,

A handwritten signature in blue ink that reads "Jill Toschi".

Jill Toschi
Vice President for Operations



Dear Station,

Pursuant to the Children's Television Act of 1990, "Dog Tales" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "Dog Tales" serves the educational and informational needs of children 1316 years of age with its program content, including dog safety and care tips, as well as lessons on the responsibility of owning a dog. The show also provides informative segments on various dog breeds and showcases various veterinary experts explaining different issues affecting canines. The weekly series also includes recommended reading lists about dogs and promotes children's writing and creative skills with essay and art contests.

To facilitate your FCC filings, episode synopses are available online at our website, www.telcoproductions.com. Also available on-line are testimonials from our educational advisory review board, consisting of educators and veterinary professionals who have reviewed the program (see opposite pages).

If you have any other questions, please don't hesitate to contact us.

Sincerely,

Alex Paen
President, Telco Productions, Inc.

TELCO PRODUCTIONS, INC.
2730 Wilshire Boulevard, Suite 200, Santa Monica, CA 90403
Telephone 310-828-4003 Fax 310-828-3340
E-mail: info@telcoproductions.com

VCA Wilshire Animal Hospital

2421 Wilshire Boulevard
Santa Monica, CA 90403

Tel.: (310) 828-4587

Fax: (310) 453-1562



Dear Alex,

It's my opinion that "Dog Tales" is a valuable educational and instructional television series for children 13 to 16 years of age. The program contains information on medical and health issues for dogs, as well as providing facts and histories of various dog breeds. As a teacher, lecturer and Doctor of Veterinary Medicine, I feel "Dog Tales" educates children about all types of dogs and showcases professional and non-professional people helping and caring for dogs as well as learning the responsibilities of dog ownership. By promoting compassionate behavior towards dogs, the show provides young viewers with a positive message about "man's best friend" and how they are a major part of our world.

As an Adjunct Professor at Western University School of Veterinary Medicine, a lecturer at UCLA Extension and a practicing veterinarian, I would recommend "Dog Tales" to parents, educators and broadcasters as an excellent example of informational programming serving families and especially young viewers.

Sincerely,

A handwritten signature in blue ink, which appears to read 'Frank Lavac'. The signature is fluid and cursive, with a large loop at the end.

Frank Lavac, MS, D.V.M., Board Certified Specialist in Avian Medicine and Surgery

Wilshire Animal Hospital



International Fund for Animal Welfare

FREDERICK M. O'REGAN, PRESIDENT

Dear Alex,

We at IFAW (International Fund for Animal Welfare – www.ifaw.org) believe the educational and informative content of “Dog Tales” is suitable for children 13-16 years of age. The show highlights the compassionate care of dogs while informing young viewers about the responsibilities of dog ownership.

We also feel the show provides guidance to young people in encouraging them to become involved in animal welfare. The show contains examples of various programs administered by professional animal workers as well as volunteers helping dogs. “Dog Tales” also includes various interactions of individuals and families with dogs and how these relationships foster a better understanding of our world today.

IFAW supports “Dog Tales” as a wonderful example of what young viewers should be watching on television and we highly recommend it to parents and educators as well.

Sincerely,

Nancy Barr
Public Affairs
IFAW International Headquarters

www.ifaw.org

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Australia
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China
France
Germany
India
Japan
Kenya
Mexico
Netherlands
Russia
South Africa
United Kingdom

DOG TALES

EPISODE SUMMARY 2022

Program/episode	Date	Time	Duration	Summary
DOG TALES: D-1040	01/01/2022	7:30AM	30	A rescue center for German Shepherds; Training Tip: Crate training; Breed profile: French Bulldogs.
DOG TALES: D-1001	01/08/2022	7:30AM	30	Los Angeles Care & Training Center; Training tip: Separation anxiety; Breed profile: Collies.
DOG TALES: D-1002	01/15/2022	7:30AM	30	At-risk teenager dog training program; Training Tip: Teaching tricks; Breed profile: Cairn Terriers.
DOG TALES: D-1003	01/22/2022	7:30AM	30	Teaching dogs herding techniques; Training tip: Jumping up; Breed profile: Chihuahuas.
DOG TALES: D-1004	01/29/2022	7:30AM	30	A visit to Beagle Freedom Rescue; Training tip: Smelly accidents; Breed profile: Cavalier King Charles Spaniels.
DOG TALES: D-1005	02/05/2022	7:30AM	30	Meet Archie, the therapy dog; Training tip: Hide & seek; Breed profile: American Pit Bulls.
DOG TALES: D-1006	02/12/2022	7:30AM	30	Rescue dogs in Paris, France; Training tip: Meeting people; Breed profile: Bernese Mountain Dogs.
DOG TALES: D-1007	02/19/2022	7:30AM	30	Canine Partners teen therapy program; Training Tip: Clicker training; Breed profile: Pugs.
DOG TALES: D-1008	02/26/2022	7:30AM	30	Turken dog training program; Training tip: Biting habits; Breed profile: Afghan Hounds.
DOG TALES: D-1009	03/05/2022	7:30AM	30	Dog grooming program for jail inmates; Training tip: Giving attention; Breed profile: Siberian Huskies.
DOG TALES: D-1010	03/12/2022	7:30AM	30	Training dogs for use in law enforcement; Breed profile: Pekingese.
DOG TALES: D-1011	03/19/2022	7:30AM	30	Providing blankets for shelter dogs; Breed profile: Beagle.
DOG TALES: D-1012	03/26/2022	7:30AM	30	Los Angeles police officers establish a dog rescue center; Breed profile: Golden Retriever
DOG TALES: D-1013	04/02/2022	7:30AM	30	A rescue center for German Shepherds; Training Tip: Crate training; Breed profile: French Bulldogs
DOG TALES: D-1014	04/09/2022	7:30AM	30	Training center for unruly dogs; Training tip: How to walk your dog; Breed profile: Corgies.

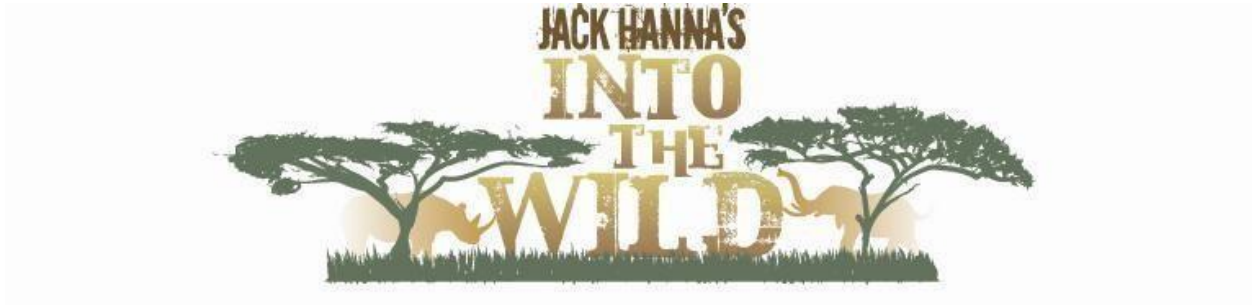
DOG TALES: D-1015	04/16/2022	7:30AM	30	Dentistry for dogs; Training tip: Crate training; Breed profile: Keeshond.
DOG TALES: D-1016	04/23/2022	7:30AM	30	Los Angeles Police officers rescue stray dogs; Breed profile: Boston Terrier.

DOG TALES: D-1017	04/30/2022	7:30AM	30	Visiting Sri Lankan veterinarians learn new medical techniques in Los Angeles; Breed profile: American Cocker Spaniel.
DOG TALES: D-1018	05/07/2022	7:30AM	30	Police dog training school; Breed profile: Black & Tan Coonhounds.
DOG TALES: D-1019	05/14/2022	7:30AM	30	Visiting actor Bryan Cranston and his dog; Training tip: Lie down; Breed profile: Rhodesian Ridgebacks.
DOG TALES: D-1020	05/21/2022	7:30AM	30	Profiling a three-legged dog named Moe; Training Tip: Teaching the "sit" command; Breed profile: Australian Shepherd.
DOG TALES: D-1021	05/28/2022	7:30AM	30	Learning about guide dogs; Training tip: Teaching the "come" command; Breed profile: Nova Scotia Duck Tolling Retrievers.
DOG TALES: D-1022	06/04/2022	7:30AM	30	Rescuing dogs in South Africa; Training tip: Setting up a training schedule; Breed profile: Coton de Tulear.
DOG TALES: D-1023	06/11/2022	7:30AM	30	Helping dogs using hydrotherapy; Training tip: Teaching the "leave it" command; Breed profile: Italian Greyhounds.
DOG TALES: D-1024	06/18/2022	7:30AM	30	A travelling vet treats various dog medical problems; Breed profile: Dachshunds.
DOG TALES: D-1025	06/25/2022	7:30AM	30	Water therapy for injured and older dogs; Training Tip: Teaching the "ready dog" command; Breed profile: English Springer Spaniel.
DOG TALES: D-1026	07/02/2022	7:30AM	30	Helping stray dogs in Dominica; Training tip: Teaching the "boundary stay" command; Breed profile: German Shepherds.
DOG TALES: D-1027	07/09/2022	7:30AM	30	A trainer offers unique insights on dog behavior; Breed profile: Collies.
DOG TALES: D-1028	07/16/2022	7:30AM	30	Swim therapy for injured and older dogs; Training Tip: Playing games; Breed profile: Australian Shepherds.
DOG TALES: D-1029	07/23/2022	7:30AM	30	Helping retired racing greyhounds; Breed profile: Cairn Terriers.

DOG TALES: D-1030	07/30/2022	7:30AM	30	Helping a paralyzed dog; Training tip: Good manners; Breed profile: Chihuahua.
DOG TALES: D-1031	08/06/2022	7:30AM	30	Acupuncture therapy for dogs; Training Tip: Interaction between kids and dogs; Breed profile: Cavalier King Charles Spaniel.
DOG TALES: D-1032	08/13/2022	7:30AM	30	Therapy dogs offer emotional support to young burn victims; Training Tip: Lie down command; Breed profile: Pit Bulls.

DOG TALES: D-1033	08/20/2022	7:30AM	30	Chiropractic therapy for dogs; Training Tip: Stay command; Breed profile: Bernese Mountain Dogs.
DOG TALES: D-1034	08/27/2022	7:30AM	30	Visiting an agility training facility; Training tip: Finding a trainer; Breed profile: Pugs.
DOG TALES: D-1035	09/03/2022	7:30AM	30	Dogs with jobs; Training tip: Clicker training; Breed profile: Afghan hounds.
DOG TALES: D-1036	09/10/2022	7:30AM	30	Dogs learn herding techniques; Breed profile: Siberian Husky.
DOG TALES: D-1037	09/17/2022	7:30AM	30	Training dogs for use in law enforcement; Breed profile: Pekingese.
DOG TALES: D-1038	09/24/2022	7:30AM	30	Providing blankets for shelter dogs; Breed profile: Beagle.
DOG TALES: D-1039	10/01/2022	7:30AM	30	Los Angeles police officers establish a dog rescue center; Breed profile: Golden Retriever.
DOG TALES: D-1040	10/08/2022	7:30AM	30	A rescue center for German Shepherds; Training Tip: Crate training; Breed profile: French Bulldogs.
DOG TALES: D-1001	10/15/2022	7:30AM	30	Los Angeles Care & Training Center; Training tip: Separation anxiety; Breed profile: Collies.
DOG TALES: D-1002	10/22/2022	7:30AM	30	At-risk teenager dog training program; Training Tip: Teaching tricks; Breed profile: Cairn Terriers.
DOG TALES: D-1003	10/29/2022	7:30AM	30	Teaching dogs herding techniques; Training tip: Jumping up; Breed profile: Chihuahuas.
DOG TALES: D-1004	11/05/2022	7:30AM	30	A visit to Beagle Freedom Rescue; Training tip: Smelly accidents; Breed profile: Cavalier King Charles Spaniels.
DOG TALES: D-1005	11/12/2022	7:30AM	30	Meet Archie, the therapy dog; Training tip: Hide & seek; Breed profile: American Pit Bulls.

DOG TALES: D-1006	11/19/2022	7:30AM	30	Rescue dogs in Paris, France; Training tip: Meeting people; Breed profile: Bernese Mountain Dogs.
DOG TALES: D-1007	11/26/2022	7:30AM	30	Canine Partners teen therapy program; Training Tip: Clicker training; Breed profile: Pugs.
DOG TALES: D-1008	12/03/2022	7:30AM	30	Turken dog training program; Training tip: Biting habits; Breed profile: Afghan Hounds.
DOG TALES: D-1009	12/10/2022	7:30AM	30	Dog grooming program for jail inmates; Training tip: Giving attention; Breed profile: Siberian Huskies.
DOG TALES: D-1010	12/17/2022	7:30AM	30	Dogs help investigate fires; Training tip: Playing with toys; Breed profile: Pekingese.
DOG TALES: D-1011	12/24/2022	7:30AM	30	Collecting blankets for shelter dogs; Training Tip: Acquiring a dog; Breed profile: Beagles.
DOG TALES: D-1012	12/31/2022	7:30AM	30	Saving Magnum, an abandoned and injured dog; Training tip: Separation anxiety; Breed profile: Golden Retrievers.



Series Description

Jack Hanna's Into the Wild takes viewers on excursions around the world through the eyes of America's most beloved animal adventurer and his family. More than just a collection of animal escapades, *Into the Wild* provides insight into the protection and conservation of some of our planet's most precious and endangered species. *Into the Wild* is unscripted and action packed – it takes you on a raucous ride, leaving you with a renewed appreciation for all creatures, great and small.



January 6, 2017

RE: *Jack Hanna's Into the Wild* Program Content

To Whom It May Concern:

The purpose of this letter is to provide television stations with certified documentation that the producers of the live-action, half-hour television series entitled, *Jack Hanna's Into the Wild* have designed the program to educate and inform children **13 to 16** years of age, although Jack strives to make the show educational and fun viewing for all audiences.

Jungle Jack Productions, LLC and Spectrum Field Productions, LLC are the producers of the *Jack Hanna's Into the Wild* series.

The series is based on Jack Hanna traveling the world with his friends and family, taking viewers to his favorite destinations and introducing them to new and amazing creatures each week. Throughout Jack's travels, he informs viewers with insights into different cultures, world geography, natural history, and spectacular animal behaviors and facts, while teaching children the importance of environmental stewardship. The episodic content will certainly further the educational and informational needs of children aged **13 to 16**.

In order for parents, children, and listing services to clearly identify the program as one that fulfills the FCC description of a core program that meets kids' educational television needs, each episode will include an E/1 video bug for the duration of the program, in addition to the recommended rating graphic of TV-G E/1.

Sincerely,

Guy Nickerson
Executive Producer
Spectrum Field Productions, LLC

JACK HANNA'S INTO THE WILD

EPISODE SUMMARY 2022

Program	Date	Time	Duration	Summary
Jack Hanna's Into the Wild	1/01/22	8:00A	30	408 - Shamwari's Wild Vets: Jungle Jack is lending a hand to Shamwari's world-renowned veterinarians and anti-poaching unit as they work on the front lines of conservation in South Africa. Using cutting-edge technology, the team is doing everything from protecting rhinos from increasingly bold poachers, to caring for orphaned animals in need of a second chance. This is one adventure you won't want to miss!
Jack Hanna's Into the Wild	1/01/22	8:30A	30	1102 - Costa Rica's Bats & Vipers: Jack and Suzi head deep into Costa Rica's jungles looking for Bats, before an up-close encounter with a deadly Fer de Lance viper. And, he meets a dog that can sniff out a rare Bushmaster species.
Jack Hanna's Into the Wild	1/01/22	9:00A	30	416 - Extreme Atacama : Exploring the driest place on Earth has its challenges even for ole' Jungle Jack! Check out this adventure to the Atacama Desert in Chile, where Jack searches for wildlife in the most unlikely of places and gets a first-hand look at what it's like to live in this harsh yet beautiful environment.
Jack Hanna's Into the Wild	1/01/22	9:30A	30	1305 - Thula Thula: Jack and Suzi explore South Africa's Thula Thula reserve, known for its heartwarming work saving African elephants.
Jack Hanna's Into the Wild	1/08/22	8:00A	30	405 - The Cape of Good Hope: Travel with Jack, and his wife Sue, to beautiful Cape Town as they discover how South Africa's wildlife is faring in the big city! They're literally stopping traffic to protect a troop of travelling Baboons. Then they hit the beach to hang out with a breeding colony of African Penguins -- a species on the road to recovery after being threatened by an oil spill a decade ago. Join Jack for this unforgettable adventure beneath majestic Table Mountain!
Jack Hanna's Into the Wild	1/08/22	8:30A	30	1104 - Tropical Tales from Tortuguero: Jack discovers Costa Rica's Tortuguero National Park. He has a once-in-a-lifetime encounter with a wild Jaguar, meets Toucans, Monkeys, and Caimans all before checking out life the remote village.
Jack Hanna's Into the Wild	1/08/22	9:00A	30	401 - Race for Survival: Some of Africa's most recognizable animals are in trouble as they increasingly come into contact with man. So today, Jack and his family are visiting a few of the special people that are doing their part to make a difference. From protecting the world's largest land mammal to the fastest... check out the story of the Knysna Elephant Park and Cheetah Outreach Center.
Jack Hanna's Into the Wild	1/08/22	9:30A	30	1211- Legendary Bison of Catalina Island : Jack and Suzi explore Catalina Island, off the coast of California, and track down a herd of wild Bison that have been living there since 1924. They also uncover bats roosting in an old barn and meet the island's local veterinarian.

Jack Hanna's Into the Wild	1/15/22	8:00A	30	403 - Africa's Big Five: South Africa is the place for seeing the biggest and most recognizable animals in all of Africa. So today, Jack is heading straight to the famous Shamwari Game Reserve for up-close encounters with elephants, rhino, lions and the rest of the Big Five!
Jack Hanna's Into the Wild	1/15/22	8:30A	30	1001 - Galapagos: Isabela Island : Join Jack for an adventure to the Galapagos Islands. He meets giant tortoises, land iguanas, sea turtles and more!
Jack Hanna's Into the Wild	1/15/22	9:00A	30	1313 - The Farm: Come along with Jungle Jack as he meets the remarkable rescued residents of The Farm Sanctuary in California. Loveable cows, goats, pigs and more!
Jack Hanna's Into the Wild	1/15/22	9:30A	30	1206 - Trekking Rwanda: Jack and Suzi trek into Rwanda's forest to see Colobus monkeys with their famous black-and-white markings, and hike a volcanic island filled with fruit bats.
Jack Hanna's Into the Wild	1/22/22	8:00A	30	704 - Exploring El Valle : In Panama's fertile volcanic valley, El Valle, Jack comes face-to-face with critically endangered Panamanian Golden Frogs and other rare and unique amphibians, before zip-lining through valley! Jack also visits a nearby Cacao plantation to learn ancient harvesting techniques and meet the neighboring wildlife.
Jack Hanna's Into the Wild	1/22/22	8:30A	30	806 - Loango: Africa's Last Eden: Loango National Park in Gabon is often called Africa's Last Eden. Come along with Jack and his family as they explore the untouched wilderness, encountering Forest Elephants, Forest Buffalo, an injured Sea Turtle and the wildest beach on the planet!
Jack Hanna's Into the Wild	1/22/22	9:00A	30	908 - Into the Cloud Forest: Jack heads into the mystical and mysterious Mashpi cloud forest in Ecuador, where the rainforest meets the Andes Mountains. The forest is buzzing with hundreds of hummingbirds, bats, snakes and butterflies!
Jack Hanna's Into the Wild	1/22/22	9:30A	30	1006 - Safari to Selous : Join Jungle Jack and his grandson on safari to Tanzania's Selous Game Reserve, the largest reserve in Africa. They encounter territorial hippos, nesting crocodiles along with elephant, giraffe, impala and more!
Jack Hanna's Into the Wild	1/29/22	8:00A	30	903 - Bearizona: Jungle Jack is heading to the Wild West to meet up with some of America's most iconic species! Bears, Wolves, Bison, Big Horn Sheep and more!
Jack Hanna's Into the Wild	1/29/22	8:30A	30	601 - Elephant Camp : Pack your trunks -- Jungle Jack is heading to Zimbabwe! Just around the corner from majestic Victoria Falls, the folks at Elephant Camp are working to provide a home to orphaned Elephants in need. Jack assists the team in radio collaring a soon to be released female. And, Jack takes a walk with the fastest land mammal on the planet... an orphaned cheetah getting a second chance at life.

Jack Hanna's Into the Wild	1/29/22	9:00A	30	407 - Sanbona Wildlife Reserve: Join Jack and his family as they head to South Africa's Western Cape to discover the Sanbona Wildlife Reserve! This distinctive land where the San people once lived is home to loads of unique animal experiences, from an up-close look at a trio of cheetah on the hunt, and a family of cliff-dwelling Baboons to Lions on the prowl. Don't miss this adventure into the seldom-seen eco-systems of Sanbona.
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Jack Hanna's Into the Wild	1/1/29/22	9:30A	30	802 - The Great Gorilla Trek: Get ready for the trek of a lifetime, deep into the forests of Gabon, as Jack searches for elusive lowland Gorillas!
Jack Hanna's Into the Wild	2/05/22	8:00A	30	1210 - Journey to Catalina Island: Join Jungle Jack on a whale watching safari to Catalina Island where he meets a Humpback Whale, Fin Whale, loads of Dolphins, California Sea Lions and more!
Jack Hanna's Into the Wild	2/05/22	8:30A	30	1312 - Wild at Umfolozi: Join Jack as he heads to the Umfolozi Big 5 Game Reserve in South Africa for amazing animal encounters.
Jack Hanna's Into the Wild	2/05/22	9:00A	30	909 - Going Galapagos: Jack travels to the awe-inspiring Galapagos Islands where he visits a pristine island booming with bio-diversity called Fernandina, home to a huge colony of Marine Iguanas, along with Sea Lions, Sally Lightfoot Crabs and more!
Jack Hanna's Into the Wild	2/05/22	9:30A	30	404 - Shamwari: Soul of the Earth: Jack is headed to South Africa to explore one of the most ground-breaking reserves on the continent - Shamwari. What once was old farming land, is now a meticulously restored eco-system brimming with wildlife and adventure. And Jack and his family don't miss a beat, getting up close and personal with Hippos, Cheetah and much more!
Jack Hanna's Into the Wild	2/12/22	8:00A	30	413 - Amazon Adventure: This adventure has Jungle Jack written all over it! Join in as we head deep into the Peruvian Amazon Rainforest get a rare look at Giant River Otters, Pre-Historic Birds, Caimans and much more!
Jack Hanna's Into the Wild	2/12/22	8:30A	30	1309 - A Home for Munu: Come along with Jungle Jack as he heads to South Africa to meet a very special, and critically endangered, Southern black Rhino named Munu, who's lost his vision, but found his forever home at Founder's Lodge.
Jack Hanna's Into the Wild	2/12/22	9:00A	30	706 - Braving Bocas: Panama's Bocas del Toro archipelago is home to beautiful beaches and pristine waters, and it's also home to high concentration of Bats! Jack hikes into a remote cave for an up-close look at the beneficial species.
Jack Hanna's Into the Wild	2/12/22	9:30A	30	805 - Lope National Park: The lush lands of Lope are home to rare and unique creatures like Forest Elephants, Forest Buffalo, and Red River Hogs. Plus, loads of primates, and Jack has a close encounter with a gorilla!

Jack Hanna's Into the Wild	2/19/22	8:00A	30	1207 - Save the Chimps: Jack gets a special behind-the-scenes look at a retirement home for chimpanzees where caregivers have rescued over 250 chimps that now live in large family groups on specially designed islands in Florida.
Jack Hanna's	2/19/22	8:30A	30	1307 - The Elephant Whisperer: Join Jack and his family for a trip to South Africa's Thula Thula, home of the late legendary Elephant

Into the Wild				Whisperer, Lawrence Anthony. The Hanna's meet Thula Thula's famous Elephant herd and get a behind-the-scenes look at how the precious species on the reserve are kept safe.
Jack Hanna's Into the Wild	2/19/22	9:00A	30	911 - Ecuador's Amazon: Come along into the heart of the Amazon River Basin as Jack explores untouched jungles that are teeming with wildlife. He encounters Spider Monkeys, gets a crash course in jungle survival skills, before going on a night hike in search of the Insects and Amphibians that bring the rainforest to life after dark.
Jack Hanna's Into the Wild	2/19/22	9:30A	30	603 - Chobe National Park: Join Jungle Jack as he comes face-to-face with the powerful pachyderms of Chobe National Park. The park is known for its massive elephant population, but Jack also encounters Hippos, Cape Buffalo, Kudu, Crocs, Warthogs and more! Then Jack spends the day with a local veterinarian, seeing both heartbreak and hope for the animals of Chobe.
Jack Hanna's Into the Wild	2/26/22	8:00A	30	1003 - Exploring Otavalo: Jack heads to Ecuador's highlands to visit a colorful Ecuadorian market before heading to Parque Condor, a rehabilitation center for injured and orphaned birds of prey, like Owls, Eagles and Condors.
Jack Hanna's Into the Wild	2/26/22	8:30A	30	1103 - Living on the Serengeti: Jack joins in on a mission to save an Elephant caught in a deadly snare, before getting a glimpse of life on the savannah for Lions and Leopards.
Jack Hanna's Into the Wild	2/26/22	9:00A	30	1311 - California: Wolves & Meerkats: Come along with Jack and Suzi as they meet some mighty meerkats living in California's desert and visit a wolf sanctuary dedicated to saving the misunderstood species.
Jack Hanna's Into the Wild	2/26/22	9:30A	30	1209 - Rwanda's Golden Monkeys: Jack and Sue head to Rwanda for an incredible encounter with Golden Monkeys before getting a taste of the local fishing traditions, and they visit a primary school.
Jack Hanna's Into the Wild	3/05/22	8:00A	30	712 - DeWildt's Cheetahs: Jack goes to work behind-the-scenes at the world-renowned Ann van Dyk Cheetah Center in South Africa where over 800 Cheetah cubs have been bred in the last 40 years. Jack also comes face-to-face with rare African Wild Dogs.

Jack Hanna's Into the Wild	3/05/22	8:30A	30	1109 - Adventure to La Paz: Join Jack and Suzi for a journey to La Paz Waterfall Gardens in Costa Rica where they meet local species, like sloth, hummingbirds, and jaguar, thriving in the rainforest. And, they get more than they bargained for at a local dog shelter that's home to more than 800 rescued dogs!
Jack Hanna's Into the Wild	3/05/22	9:00A	30	1201 - Manatees in Paradise: Jungle Jack travels to the Florida Keys to return twin orphaned Manatees back to the wild, before visiting the Dolphin Research Center.
Jack Hanna's Into the	3/05/22	9:30A	30	1203 - Akagera National Park: Jack is heading to Akagera National Park in Rwanda, once devastated by poaching, to see its transformation and thriving populations of Hippos and Crocodiles, and a homecoming for African Crowned Cranes.

Wild				
Jack Hanna's Into the Wild	3/12/22	8:00A	30	305 - A Grizzly Encounter: Come along with Jack on an adventure to bear country in Montana! Jack and some local bear experts come faceto-face with a grizzly that raided a family's farmhouse. Then Jack discovers amazing animal behaviors caught on tape by remote wilderness cameras... black bears, brown bears, mountain lions and much more!
Jack Hanna's Into the Wild	3/12/22	8:30A	30	1010 - Trekking Tarangire: Join Jack and his daughter Kathaleen as they travel to Tanzania's Tarangire National Park. They search for an elusive elephant called Big Mamma and encounter tons of wildlife along the way.
Jack Hanna's Into the Wild	3/12/22	9:00A	30	313 - Singapore Zoo: Jack heads to Asia to visit an oasis in the bustling city of Singapore – the Singapore Zoo. Regarded as one of the top zoos in the world, this open-concept park is full of surprises for Jack and Sue, like orangutans swinging in the trees just feet above their heads; and pygmy hippos, rhinos, chimpanzees, elephants and a whole lot more, including a visit to one of the world's only night safari parks. This is an adventure you won't want to miss!
Jack Hanna's Into the Wild	3/12/22	9:30A	30	808 - Zulu Nation: Jack heads into South Africa's Zululand and Hluhluwe-iMfolozi Park – the oldest nature reserve in Africa, where he encounters Baboons, Elephant, Rhino and more, all after witnessing the birth of a baby at the Zulu Nyala Game Reserve.
Jack Hanna's Into the Wild	3/19/22	8:00A	30	306 - Rolling Dog Ranch: Jack and his wife Sue are in Montana meeting up with some amazing people who are taking animal rescue to whole new level! First, a couple that left big city life to run a ranch dedicated to animals in need. They meet blind and disabled dogs, horses and cats -- each with an amazing story. Then, they head to a groundbreaking animal shelter. This is one adventure that is sure to touch your heart.
Jack Hanna's Into the Wild	3/19/22	8:30A	30	1101 - Spectacular Serengeti: Jungle Jack takes his grandson on an epic Serengeti safari. They witness Cheetah and Lion on the savannah, Wildebeest and Zebra starting their annual migration and visit a local Maasai school.

Jack Hanna's Into the Wild	3/19/22	9:00A	30	421 - Penguins of Magdalena Island: Jack's heading to the end of the Earth to bring you this adventure, from the southern tip of Chile! Kicking off this trip in a town that pays serious homage to the famous explorer Magellan, Jack boards a boat for Magdalena Island home to a breeding colony of Magellanic Penguins, where he gets a first-hand look at the life of these fascinating birds. Then Jack has a rare upclose encounter with a puma and an adorable baby chinchilla.
Jack Hanna's Into the Wild	3/19/22	9:30A	30	1202 - Virunga's Mountain Gorillas: Jack and Suzi head deep into Rwanda's Virunga Mountains on a trek to find endangered Mountain Gorillas
Jack Hanna's Into the	3/26/22	8:00A	30	1003 - Exploring Otavalo: Jack heads to Ecuador's highlands to visit a colorful Ecuadorian market before heading to Parque Condor, a rehabilitation center for injured and orphaned birds of prey, like Owls,

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Jack Hanna's Into the Wild	3/26/22	9:30A	30	1209 - Rwanda's Golden Monkeys: Jack and Sue head to Rwanda for an incredible encounter with Golden Monkeys before getting a taste of the local fishing traditions, and they visit a primary school.
Jack Hanna's Into the Wild	4/02/22	8:00A	30	1012 - The Great Migration: Jungle Jack and Suzi are stunned to see the Great Migration in action as animals cross the Mara River into Tanzania's Serengeti National Park. Millions of wildebeest and zebra make the epic journey, while big cats like lion and cheetah share the famed African landscape.
Jack Hanna's Into the Wild	4/02/22	8:30A	30	1002 - Napo River Adventure: Deep in the Amazon, Jack ventures down the Napo River in search Pink River Dolphins. He meets a baby Tapir rescued from the jungle and comes face-to-face with a deadly Caiman.
Jack Hanna's Into the Wild	4/02/22	9:00A	30	408 - Shamwari's Wild Vets: Jungle Jack is lending a hand to Shamwari's world-renowned veterinarians and anti-poaching unit as they work on the front lines of conservation in South Africa. Using cutting-edge technology, the team is doing everything from protecting rhinos from increasingly bold poachers, to caring for orphaned animals in need of a second chance. This is one adventure you won't want to miss!

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				a breeding colony of African Penguins -- a species on the road to recovery after being threatened by an oil spill a decade ago. Join Jack for this unforgettable adventure beneath majestic Table Mountain!
Jack Hanna's Into the Wild	4/09/22	8:00A	30	1104 - Tropical Tales from Tortuguero: Jack discovers Costa Rica's Tortuguero National Park. He has a once-in-a-lifetime encounter with a wild Jaguar, meets Toucans, Monkeys, and Caimans all before checking out life the remote village.
Jack Hanna's Into the Wild	4/16/22	8:00A	30	401 - Race for Survival: Some of Africa's most recognizable animals are in trouble as they increasingly come into contact with man. So today, Jack and his family are visiting a few of the special people that are doing their part to make a difference. From protecting the world's largest land mammal to the fastest... check out the story of the Knysna Elephant Park and Cheetah Outreach Center
Jack Hanna's Into the Wild	4/16/22	8:30A	30	1211 - Legendary Bison of Catalina Island: Jack and Suzi explore Catalina Island, off the coast of California, and track down a herd of wild Bison that have been living there since 1924. They also uncover bats roosting in an old barn and meet the island's local veterinarian.
Jack Hanna's Into the Wild	4/16/22	9:00A	30	403 - Africa's Big Five: South Africa is the place for seeing the biggest and most recognizable animals in all of Africa. So today, Jack is heading straight to the famous Shamwari Game Reserve for up-close encounters with elephants, rhino, lions and the rest of the Big Five!
Jack Hanna's Into the Wild	4/16/22	9:30A	30	1001 - Galapagos: Isabela Island: Join Jack for an adventure to the Galapagos Islands. He meets giant tortoises, land iguanas, sea turtles and more!

Jack Hanna's Into the Wild	4/23/22	8:00A	30	1313 - The Farm: Come along with Jungle Jack as he meets the remarkable rescued residents of The Farm Sanctuary in California. Loveable cows, goats, pigs and more!
Jack Hanna's Into the Wild	4/23/22	8:30A	30	1206 - Trekking Rwanda: Jack and Suzi trek into Rwanda's forest to see Colobus monkeys with their famous black-and-white markings, and hike a volcanic island filled with fruit bats.
Jack Hanna's Into the Wild	4/23/22	9:00A	30	704 - Exploring El Valle: In Panama's fertile volcanic valley, El Valle, Jack comes face-to-face with critically endangered Panamanian Golden Frogs and other rare and unique amphibians, before zip-lining through valley! Jack also visits a nearby Cacao plantation to learn ancient harvesting techniques and meet the neighboring wildlife.
Jack Hanna's Into the Wild	4/23/22	9:30A	30	806 - Loango: Africa's Last Eden: Loango National Park in Gabon is often called Africa's Last Eden. Come along with Jack and his family as they explore the untouched wilderness, encountering Forest Elephants, Forest Buffalo, an injured Sea Turtle and the wildest beach on the planet!
Jack Hanna's Into the	4/30/22	8:00A	30	908 - Into the Cloud Forest: Jack heads into the mystical and mysterious Mashpi cloud forest in Ecuador, where the rainforest meets the Andes Mountains. The forest is buzzing with hundreds of

Wild				hummingbirds, bats, snakes and butterflies!
Jack Hanna's Into the Wild	4/30/22	8:30A	30	1301 - Addo Elephant National Park: Jack and Suzi head deep into South Africa's Addo National Park to learn more about its famous Elephant population, and the rest of the Big Seven that call Addo home.
Jack Hanna's Into the Wild	4/30/22	9:00A	30	1006 - Safari to Selous: Join Jungle Jack and his grandson on safari to Tanzania's Selous Game Reserve, the largest reserve in Africa. They encounter territorial hippos, nesting crocodiles along with elephant, giraffe, impala and more!
Jack Hanna's Into the Wild	4/30/22	9:30A	30	903 - Bearizona: Jungle Jack is heading to the Wild West to meet up with some of America's most iconic species! Bears, Wolves, Bison, Big Horn Sheep and more!
Jack Hanna's Into the Wild	5/07/22	8:00A	30	601 - Elephant Camp: Pack your trunks -- Jungle Jack is heading to Zimbabwe! Just around the corner from majestic Victoria Falls, the folks at Elephant Camp are working to provide a home to orphaned Elephants in need. Jack assists the team in radio collaring a soon to be released female. And, Jack takes a walk with the fastest land mammal on the planet... an orphaned cheetah getting a second chance at life.

Jack Hanna's Into the Wild	5/07/22	8:30A	30	1302 - Wild at Phinda: Jack, Suzi and Kathaleen explore Phinda Game Reserve in South Africa alongside Lions, Hippos Rhinos and more!
Jack Hanna's Into the Wild	5/07/22	9:00A	30	407 - Sanbona Wildlife Reserve: Join Jack and his family as they head to South Africa's Western Cape to discover the Sanbona Wildlife Reserve! This distinctive land where the San people once lived is home to loads of unique animal experiences, from an up-close look at a trio of cheetah on the hunt, and a family of cliff-dwelling Baboons to Lions on the prowl. Don't miss this adventure into the seldom-seen eco-systems of Sanbona.
Jack Hanna's Into the Wild	5/07/22	9:30A	30	802 - The Great Gorilla Trek: Get ready for the trek of a lifetime, deep into the forests of Gabon, as Jack searches for elusive lowland Gorillas!
Jack Hanna's Into the Wild	5/14/22	8:00A	30	1210 - Journey to Catalina Island: Join Jungle Jack on a whale watching safari to Catalina Island where he meets a Humpback Whale, Fin Whale, loads of Dolphins, California Sea Lions and more!
Jack Hanna's Into the Wild	5/14/22	8:30A	30	1312 - Wild at Umfolozi: Join Jack as he heads to the Umfolozi Big 5 Game Reserve in South Africa for amazing animal encounters
Jack Hanna's Into the Wild	5/14/22	9:00A	30	413 - Amazon Adventure: This adventure has Jungle Jack written all over it! Join in as we head deep into the Peruvian Amazon Rainforest get a rare look at Giant River Otters, Pre-Historic Birds, Caimans and

Wild				much more!
Jack Hanna's Into the Wild	5/14/22	9:30A	30	1309 - A Home for Munu: Come along with Jungle Jack as he heads to South Africa to meet a very special, and critically endangered, Southern black Rhino named Munu, who's lost his vision, but found his forever home at Founder's Lodge.
Jack Hanna's Into the Wild	5/28/22	8:00A	30	712 - DeWildt's Cheetahs: Jack goes to work behind-the-scenes at the world-renowned Ann van Dyk Cheetah Center in South Africa where over 800 Cheetah cubs have been bred in the last 40 years. Jack also comes face-to-face with rare African Wild Dogs.
Jack Hanna's Into the Wild	5/28/22	8:30A	30	1109 - Adventure to La Paz: Join Jack and Suzi for a journey to La Paz Waterfall Gardens in Costa Rica where they meet local species, like sloth, hummingbirds, and jaguar, thriving in the rainforest. And, they get more than they bargained for at a local dog shelter that's home to more than 800 rescued dogs!
Jack Hanna's Into the Wild	5/28/22	9:00A	30	1201 - Manatees in Paradise: Jungle Jack travels to the Florida Keys to return twin orphaned Manatees back to the wild, before visiting the Dolphin Research Center.

Jack Hanna's Into the Wild	5/28/22	9:30A	30	1203 - Akagera National Park: Jack is heading to Akagera National Park in Rwanda, once devastated by poaching, to see its transformation and thriving populations of Hippos and Crocodiles, and a homecoming for African Crowned Cranes.
Jack Hanna's Into the Wild	6/04/22	8:00A	30	305 - A Grizzly Encounter: Come along with Jack on an adventure to bear country in Montana! Jack and some local bear experts come faceto-face with a grizzly that raided a family's farmhouse. Then Jack discovers amazing animal behaviors caught on tape by remote wilderness cameras... black bears, brown bears, mountain lions and much more!
Jack Hanna's Into the Wild	6/04/22	8:30A	30	1010 - Trekking Tarangire: Join Jack and his daughter Kathaleen as they travel to Tanzania's Tarangire National Park. They search for an elusive elephant called Big Mamma and encounter tons of wildlife along the way.
Jack Hanna's Into the Wild	6/04/22	9:00A	30	313 - Singapore Zoo: Jack heads to Asia to visit an oasis in the bustling city of Singapore – the Singapore Zoo. Regarded as one of the top zoos in the world, this open-concept park is full of surprises for Jack and Sue, like orangutans swinging in the trees just feet above their heads; and pygmy hippos, rhinos, chimpanzees, elephants and a whole lot more, including a visit to one of the world's only night safari parks. This is an adventure you won't want to miss!
Jack Hanna's Into the Wild	6/04/22	9:30A	30	808 - Zulu Nation: Jack heads into South Africa's Zululand and Hluhluwe-iMfolozi Park – the oldest nature reserve in Africa, where he encounters Baboons, Elephant, Rhino and more, all after witnessing the birth of a baby at the Zulu Nyala Game Reserve.
Jack Hanna's Into the Wild	6/11/22	8:00A	30	306 - Rolling Dog Ranch: Jack and his wife Sue are in Montana meeting up with some amazing people who are taking animal rescue to whole new level! First, a couple that left big city life to run a ranch

Program	Date	Time	Duration	Summary
Wild				dedicated to animals in need. They meet blind and disabled dogs, horses and cats -- each with an amazing story. Then, they head to a groundbreaking animal shelter. This is one adventure that is sure to touch your heart.
Jack Hanna's Into the Wild	6/11/22	8:30A	30	1101 - Spectacular Serengeti: Jungle Jack takes his grandson on an epic Serengeti safari. They witness Cheetah and Lion on the savannah, Wildebeest and Zebra starting their annual migration and visit a local Maasai school.
Jack Hanna's Into the Wild	6/11/22	9:00A	30	421 - Penguins of Magdalena Island: Jack's heading to the end of the Earth to bring you this adventure, from the southern tip of Chile! Kicking off this trip in a town that pays serious homage to the famous explorer Magellan, Jack boards a boat for Magdalena Island home to a breeding colony of Magellanic Penguins, where he gets a first-hand look at the life of these fascinating birds. Then Jack has a rare upclose encounter with a puma and an adorable baby chinchilla.

Jack Hanna's Into the Wild	6/11/22	9:30A	30	1202 - Virunga's Mountain Gorillas: Jack and Suzi head deep into Rwanda's Virunga Mountains on a trek to find endangered Mountain Gorillas.
Jack Hanna's Into the Wild	6/18/22	8:00A	30	1003 - Exploring Otavalo: Jack heads to Ecuador's highlands to visit a colorful Ecuadorian market before heading to Parque Condor, a rehabilitation center for injured and orphaned birds of prey, like Owls, Eagles and Condors.
Jack Hanna's Into the Wild	6/18/22	8:30A	30	1103 - Living on the Serengeti: Jack joins in on a mission to save an Elephant caught in a deadly snare, before getting a glimpse of life on the savannah for Lions and Leopards.
Jack Hanna's Into the Wild	6/18/22	9:00A	30	1311 - California: Wolves & Meerkats: Come along with Jack and Suzi as they meet some mighty meerkats living in California's desert and visit a wolf sanctuary dedicated to saving the misunderstood species.
Jack Hanna's Into the Wild	6/18/22	9:30A	30	1209 - Rwanda's Golden Monkeys: Jack and Sue head to Rwanda for an incredible encounter with Golden Monkeys before getting a taste of the local fishing traditions, and they visit a primary school.
Jack Hanna's Into the Wild	7/16/22	8:00A	30	1313 - The Farm: Come along with Jungle Jack as he meets the remarkable rescued residents of The Farm Sanctuary in California. Loveable cows, goats, pigs and more!
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Jack Hanna's Into the Wild	7/30/22	9:30A	30	1312 - Wild at Umfolozi: Join Jack as he heads to the Umfolozi Big 5 Game Reserve in South Africa for amazing animal encounters.

Jack Hanna's Into the Wild	8/06/22	8:00A	30	413 - Amazon Adventure: This adventure has Jungle Jack written all over it! Join in as we head deep into the Peruvian Amazon Rainforest get a rare look at Giant River Otters, Pre-Historic Birds, Caimans and much more!
Jack Hanna's Into the Wild	8/06/22	8:30A	30	1309 - A Home for Munu: Come along with Jungle Jack as he heads to South Africa to meet a very special, and critically endangered, Southern black Rhino named Munu, who's lost his vision, but found his forever home at Founder's Lodge.
Jack Hanna's Into the Wild	8/06/22	9:00A	30	1207 - Save the Chimps: Jack gets a special behind-the-scenes look at a retirement home for chimpanzees where caregivers have rescued over 250 chimps that now live in large family groups on specially designed islands in Florida.

Jack Hanna's Into the Wild	8/06/22	9:30A	30	1307 - The Elephant Whisperer: Join Jack and his family for a trip to South Africa's Thula Thula, home of the late legendary Elephant Whisperer, Lawrence Anthony. The Hanna's meet Thula Thula's famous Elephant herd and get a behind-the-scenes look at how the precious species on the reserve are kept safe.
Jack Hanna's Into the Wild	8/13/22	8:00A	30	1303 - Protecting Phinda: Join Jungle Jack, Suzi and Kathaleen as they immerse themselves with Phinda's rangers who are protecting the reserve's precious population of rhinos and lions!
Jack Hanna's Into the Wild	8/13/22	8:30A	30	1204 - Rwanda: Land of Milk & Honey: Jack and Suzi discover beekeepers working to protect the forest, and Jack meets the sacred cows of Rwanda.
Jack Hanna's Into the Wild	8/13/22	9:00A	30	712 - DeWildt's Cheetahs: Jack goes to work behind-the-scenes at the world-renowned Ann van Dyk Cheetah Center in South Africa where over 800 Cheetah cubs have been bred in the last 40 years. Jack also comes face-to-face with rare African Wild Dogs.
Jack Hanna's Into the Wild	8/13/22	9:30A	30	1109 - Adventure to La Paz: Join Jack and Suzi for a journey to La Paz Waterfall Gardens in Costa Rica where they meet local species, like sloth, hummingbirds, and jaguar, thriving in the rainforest. And, they get more than they bargained for at a local dog shelter that's home to more than 800 rescued dogs!
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Jack Hanna's Into the Wild	8/27/22	8:00A	30	313 - Singapore Zoo: Jack heads to Asia to visit an oasis in the bustling city of Singapore – the Singapore Zoo. Regarded as one of the top zoos in the world, this open-concept park is full of surprises for Jack and Sue, like orangutans swinging in the trees just feet above their heads; and pygmy hippos, rhinos, chimpanzees, elephants and a whole lot more, including a visit to one of the world's only night safari parks. This is an adventure you won't want to miss!

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Jack Hanna's Into the Wild	9/03/22	8:30A	30	1202- Virunga's Mountain Gorillas: Jack and Suzi head deep into Rwanda's Virunga Mountains on a trek to find endangered Mountain Gorillas.
Jack Hanna's Into the Wild	9/03/22	9:00A	30	1003- Exploring Otavalo: Jack heads to Ecuador's highlands to visit a colorful Ecuadorian market before heading to Parque Condor, a rehabilitation center for injured and orphaned birds of prey, like Owls, Eagles and Condors.
Jack Hanna's Into the Wild	9/03/22	9:30A	30	1103- Living on the Serengeti: Jack joins in on a mission to save an Elephant caught in a deadly snare, before getting a glimpse of life on the savannah for Lions and Leopards.

Jack Hanna's Into the Wild	9/10/22	8:00A	30	1311- California: Wolves and Meerkats: Come along with Jack and Suzi as they meet some mighty meerkats living in California's desert and visit a wolf sanctuary dedicated to saving the misunderstood species.
Jack Hanna's Into the Wild	9/10/22	8:30A	30	1209- Rwanda's Golden Monkeys: Jack and Sue head to Rwanda for an incredible encounter with Golden Monkeys before getting a taste of the local fishing traditions, and they visit a primary school.

Jack Hanna's Into the Wild	9/10/22	9:00A	30	1012- The Great Migration: Jungle Jack and Suzi are stunned to see the Great Migration in action as animals cross the Mara River into Tanzania's Serengeti National Park. Millions of wildebeest and zebra make the epic journey, while big cats like lion and cheetah share the famed African landscape.
Jack Hanna's Into the Wild	9/10/22	9:30A	30	1002- Napo River Adventure: Deep in the Amazon, Jack ventures down the Napo River in search Pink River Dolphins. He meets a baby Tapir rescued from the jungle and comes face-to-face with a deadly Caiman.
Jack Hanna's Into the Wild	9/17/22	8:00A	30	408 - Shamwari's Wild Vets: Jungle Jack is lending a hand to Shamwari's world-renowned veterinarians and anti-poaching unit as they work on the front lines of conservation in South Africa. Using cutting-edge technology, the team is doing everything from protecting rhinos from increasingly bold poachers, to caring for orphaned animals in need of a second chance. This is one adventure you won't want to miss!
Jack Hanna's Into the Wild	9/17/22	8:30A	30	1102 - Costa Rica's Bats & Vipers: Jack and Suzi head deep into Costa Rica's jungles looking for Bats, before an up-close encounter with a deadly Fer de Lance viper. And, he meets a dog that can sniff out a rare Bushmaster species.
Jack Hanna's Into the Wild	9/17/22	9:00A	30	416 - Extreme Atacama: Exploring the driest place on Earth has its challenges even for ole' Jungle Jack! Check out this adventure to the Atacama Desert in Chile, where Jack searches for wildlife in the most unlikely of places and gets a first-hand look at what it's like to live in this harsh yet beautiful environment.
Jack Hanna's Into the Wild	9/17/22	9:30A	30	1305 - Thula Thula: Jack and Suzi explore South Africa's Thula Thula reserve, known for its heartwarming work saving African elephants.
Jack Hanna's Into the Wild	9/24/22	8:00A	30	405- The Cape of Good Hope: Travel with Jack, and his wife Sue, to beautiful Cape Town as they discover how South Africa's wildlife is faring in the big city! They're literally stopping traffic to protect a troop of travelling Baboons. Then they hit the beach to hang out with a breeding colony of African Penguins -- a species on the road to recovery after being threatened by an oil spill a decade ago. Join Jack for this unforgettable adventure beneath majestic Table Mountain!
Jack Hanna's Into the Wild	9/24/22	8:30A	30	1104- Tropical Tales from Tortuguero: Jack discovers Costa Rica's Tortuguero National Park. He has a once-in-a-lifetime encounter with a wild Jaguar, meets Toucans, Monkeys, and Caimans all before checking out life the remote village.
Jack Hanna's Into the Wild	9/24/22	9:00A	30	401- Race for Survival: Some of Africa's most recognizable animals are in trouble as they increasingly come into contact with man. So today, Jack and his family are visiting a few of the special people that are doing their part to make a difference. From protecting the world's largest land mammal to the fastest... check out the story of the Knysna Elephant Park and Cheetah Outreach Center.

Jack Hanna's Into the Wild	9/24/22	9:30A	30	1211- Legendary Bison of Catalina Island: Jack and Suzi explore Catalina Island, off the coast of California, and track down a herd of wild Bison that have been living there since 1924. They also uncover bats roosting in an old barn and meet the island's local veterinarian.
Jack Hanna's Into the Wild	10/15/22	8:00A	30	701 - Going Batty: Jack takes flight in Panama in search of Bats, Birds and other Jungle Creatures! Jack discovers how Bats are vital to Earth's pest control and learns about one of the coolest adaptations in the animal world – echolocation! Then Jack heads to Canopy Tower to get a birds-eye view of the rainforest canopy.
Jack Hanna's Into the Wild	10/15/22	8:30A	30	804 - Sea Turtles of Pongara: Gabon is home to some of the wildest beaches on the planet, and Pongara is no exception. Come along with Jack as he witnesses one of nature's most awe-inspiring feats -- oneton Leatherback Sea Turtles returning to shore to lay their eggs.
Jack Hanna's Into the Wild	10/15/22	9:00A	30	610 - The Wilds: What could be better than getting up-close animal encounters with wildlife from Africa, Asia and North America? Doing it all in one place, right here in the ole' US of A! That's exactly what Jungle Jack has in store on this adventure to The Wilds, in southeastern Ohio! Check out rare creatures like Takin, Asian OneHorned Rhino, White Rhino, Wild Dogs, Cheetah and whole lot more!
Jack Hanna's Into the Wild	10/15/22	9:30A	30	704 - Exploring El Valle: In Panama's fertile volcanic valley, El Valle, Jack comes face-to-face with critically endangered Panamanian Golden Frogs and other rare and unique amphibians, before zip-lining through valley! Jack also visits a nearby Cacao plantation to learn ancient harvesting techniques and meet the neighboring wildlife.
Jack Hanna's Into the Wild	10/22/22	8:00A	30	602 - Okavango Delta: Come along with Jungle Jack as he braves the waters of Botswana's Okavango Delta! The world's largest inland delta provides a beautiful home to thriving wildlife like Crocs, Hippos and Elephants. Then Jack hits the safari truck to explore the nearby landscape where he meets rare African Wild Dogs and elusive Leopards!
Jack Hanna's Into the Wild	10/22/22	8:30A	30	903 – Bearizona: Jungle Jack is heading to the Wild West to meet up with some of America's most iconic species! Bears, Wolves, Bison, Big Horn Sheep and more!
Jack Hanna's Into the Wild	10/22/22	9:00A	30	909 - Going Galapagos: Jack travels to the awe-inspiring Galapagos Islands where he visits a pristine island booming with bio-diversity called Fernandina, home to a huge colony of Marine Iguanas, along with Sea Lions, Sally Lightfoot Crabs and more!

Jack Hanna's Into the Wild	10/22/22	9:30A	30	603 - Chobe National Park: Join Jungle Jack as he comes face-to-face with the powerful pachyderms of Chobe National Park. The park is known for its massive elephant population, but Jack also encounters Hippos, Cape Buffalo, Kudu, Crocs, Warthogs and more! Then Jack spends the day with a local veterinarian, seeing both heartbreak and hope for the animals of Chobe.
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Jack Hanna's Into the Wild	10/29/22	8:00A	30	321 - Snakes Alive: Borneo has some of the most diverse wildlife on Earth, and Jack is there to find it! Join in as he explores Bako National Park on the South China Sea. This is a Malaysian adventure filled with snakes and lots more!
Jack Hanna's Into the Wild	10/29/22	8:30A	30	605 - Zimbabwe: Cats and Dogs: At Hwange National Park in Zimbabwe, Jack heads out on a Lion-tracking expedition learning the dynamic social structure of these amazing Big Cats! And Jack hits the trail looking for one of the most rare and endangered species in Africa -- African Wild Dogs. All before diving into Devil's Pool for one-of-a-kind view of Victoria Falls.
Jack Hanna's Into the Wild	10/29/22	9:00A	30	811 - Gabon's Primates: Gabon's pristine habitats are prime for primates! Come along as Jungle Jack meets up with conservationists to learn about the future of primates big and small, including Chimpanzees, Gorillas, Mandrills and more!
Jack Hanna's Into the Wild	10/29/22	9:30A	30	613 - Jack's Zoo Adventures: Jack is traveling across the globe to bring you his favorite zoo adventures! From Asia's Singapore Zoo to Healesville in Australia, Calgary Zoo in Canada and Jack's home, the Columbus Zoo, see what's it's like behind-the-scenes at some of the world's coolest zoos. Primates, Hippos, Elephants and lots more!
Jack Hanna's Into the Wild	11/05/22	8:00A	30	1313 - The Farm: Come along with Jungle Jack as he meets the remarkable rescued residents of The Farm Sanctuary in California. Loveable cows, goats, pigs and more!
Jack Hanna's Into the Wild	11/05/22	8:30A	30	1206 - Trekking Rwanda: Jack and Suzi trek into Rwanda's forest to see Colobus monkeys with their famous black-and-white markings, and hike a volcanic island filled with fruit bats.
Jack Hanna's Into the Wild	11/05/22	9:00A	30	1210 - Journey to Catalina Island: Join Jungle Jack on a whale watching safari to Catalina Island where he meets a Humpback Whale, Fin Whale, loads of Dolphins, California Sea Lions and more!
Jack Hanna's Into the Wild	11/05/22	9:30A	30	1312 - Wild at Umfolozi: Join Jack as he heads to the Umfolozi Big 5 Game Reserve in South Africa for amazing animal encounters.
Jack Hanna's Into the Wild	11/26/22	8:00A	30	1010 - Trekking Tarangire: South Africa is the place for seeing the biggest and most recognizable animals in all of Africa. So today, Jack is heading straight to the famous Shamwari Game Reserve for upclose encounters with elephants, rhino, lions and the rest of the Big Five!

Program	Date	Time	Duration	Summary
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Jack Hanna's Into the Wild	11/26/22	8:30A	30	403 - Africa's Big Five: South Africa is the place for seeing the biggest and most recognizable animals in all of Africa. So today, Jack is heading straight to the famous Shamwari Game Reserve for up-close encounters with elephants, rhino, lions and the rest of the Big Five!
Jack Hanna's Into the Wild	11/26/22	9:00A	30	1112 - Swamp Safari: Come along with Jungle Jack as he embarks on a safari through Florida's Everglades, where he comes face-to-face with alligators and rattlesnakes. And, a rare look at the Native American traditions of the Seminole Tribe.
Jack Hanna's Into the Wild	11/26/22	9:30A	30	404 - Shamwari: Soul of the Earth: Jack is headed to South Africa to explore one of the most ground-breaking reserves on the continent – Shamwari. What once was old farming land, is now a meticulously restored eco-system brimming with wildlife and adventure. And Jack and his family don't miss a beat, getting up close and personal with Hippos, Cheetah and much more!
Jack Hanna's Into the Wild	12/03/22	8:00A	30	409 - Wild Patagonia: Join Jack and Sue as they head to southern tip of Chile to explore the untamed region of Patagonia! The land beneath the towering Andes Mountains is home to Condors, Guanacos and some of the most beautiful Glaciers in the world – and Jack even learns what it takes to be a South American cowboy!
Jack Hanna's Into the Wild	12/03/22	8:30A	30	509 - Elephants of Zimbabwe: Join Jungle Jack and his family as they immerse themselves into the elephant population at Zimbabwe's Hwange National Park. The Hanna's hide-out underground in a unique bunker at one of Hwange's watering holes where they get a neverbefore-seen perspective of the powerful pachyderms. Then Jack and Sue are faced with the unsettling effects of drought, as they see firsthand how devastating lack of water is on the park's 30,000 elephants. <i>This is an emotional journey Into the Wild.</i>
Jack Hanna's Into the Wild	12/03/22	9:00A	30	801 - Zulu Nyala: Jack heads into South Africa's Zululand for an adventure with Cheetah, Rhino, Dung Beetles, and the Nyala antelope. Then he is welcomed into a Zulu tribe, with his daughter Kathaleen.
Jack Hanna's Into the Wild	12/03/22	9:30A	30	904 - Smoky Mountain Rescue: Jungle Jack discovers the incredible dedication of caregivers in the hills of Tennessee's Smoky Mountains. Baby Birds, Raccoons, Possums and more!
Jack Hanna's Into the Wild	12/10/22	8:00A	30	710 - Mandrills of Gabon: Jack treks deep into the rainforests of Gabon in search of Mandrills. The elusive and brightly colored primates are the largest monkeys in the world and can only be found in Africa's equatorial rainforests.
Jack Hanna's Into the Wild	12/10/22	8:30A	30	411 - The Driest Place on Earth: The Atacama Desert in northern Chile is known as the highest and driest desert in the world, and it's also home to some of the rarest wildlife on the planet. Jack wants to explore it all...from colorful flamingos to rare cats and even a newly discovered species. This is one adventure you won't want to miss!
Jack Hanna's Into the Wild	12/10/22	9:00A	30	803 - Rhinos of Zululand: Journey into the bush in South Africa's Zululand with Jack, Kathaleen, and Zulu Nyala's rangers as they encounter rhinos on foot and see the tactics rangers are using to wage war against poaching.

Jack Hanna's Into the Wild	12/10/22	9:30A	30	419 – Jungle Cruise: Jungle Jack's taking a Jungle Cruise through the Amazon as he searches for elusive pink river dolphins. But, along the way, Jack gets a lot more than he bargained for... from a sloth to giant river otters and even anacondas! This is one adventure you won't want to miss.
Jack Hanna's Into the Wild	12/17/22	8:00A	30	912 - Galapagos: Isla Rabida: Jungle Jack explores the red island known as Rabida in Ecuador's Galapagos Islands. See Darwin Finches, Sea Lions, Pelicans and loads of other creatures living on the enchanting island!
Jack Hanna's Into the Wild	12/17/22	8:30A	30	318 - Borneo's Wildest: Join Jack as he visits the tropical island of Borneo in Malaysia where he comes face-to-face with unique proboscis monkeys. Then Jack ventures into a bat cave and is up to his ears in bats, bugs and guano! Come along for the trip of a lifetime to Southeast Asia!
Jack Hanna's Into the Wild	12/17/22	9:00A	30	421 - Penguins of Magdalena Island: Jack's heading to the end of the Earth to bring you this adventure, from the southern tip of Chile! Kicking off this trip in a town that pays serious homage to the famous explorer Magellan, Jack boards a boat for Magdalena Island home to a breeding colony of Magellanic Penguins, where he gets a first-hand look at the life of these fascinating birds. Then Jack has a rare upclose encounter with a puma and an adorable baby chinchilla.
Jack Hanna's Into the Wild	12/17/22	9:30A	30	1205 – The Turtle Hospital: Jungle Jack travels to the Florida Keys to visit a hospital dedicated to saving sea turtles. They return a rescued sea turtle back to the wild and meet some incredible patients at the hospital.
Jack Hanna's Into the Wild	12/24/22	8:00A	30	1201 – Manatees in Paradise: Jungle Jack travels to the Florida Keys to return twin orphaned Manatees back to the wild, before visiting the Dolphin Research Center.
Jack Hanna's Into the Wild	12/24/22	8:30A	30	1202 – Virunga's Mountain Gorillas: Jack and Suzi head deep into Rwanda's Virunga Mountains on a trek to find endangered Mountain Gorillas.
Jack Hanna's Into the Wild	12/24/22	9:00A	30	1203 – Akagera National Park: Jack is heading to Akagera National Park in Rwanda, once devastated by poaching, to see its transformation and thriving populations of Hippos and Crocodiles, and a homecoming for African Crowned Cranes.
Jack Hanna's Into the Wild	12/24/22	9:30A	30	1104 – Tropical Tales from Tortuguero: Jack discovers Costa Rica's Tortuguero National Park. He has a once-in-a-lifetime encounter with a wild Jaguar, meets Toucans, Monkeys, and Caimans all before checking out life the remote village.
Jack Hanna's Into the Wild	12/31/22	8:00A	30	1103 – Living on the Serengeti: Jack joins in on a mission to save an Elephant caught in a deadly snare, before getting a glimpse of life on the savannah for Lions and Leopards.

Jack Hanna's Into the Wild	12/31/22	8:30A	30	1101 – Spectacular Serengeti: Jungle Jack takes his grandson on an epic Serengeti safari. They witness Cheetah and Lion on the savannah, Wildebeest and Zebra starting their annual migration and visit a local Maasai school.
Jack Hanna's Into the Wild	12/31/22	9:00A	30	1012 – The Great Migration: Jungle Jack and Suzi are stunned to see the Great Migration in action as animals cross the Mara River into Tanzania's Serengeti National Park. Millions of wildebeest and zebra make the epic journey, while big cats like lion and cheetah share the famed African landscape.
Jack Hanna's Into the Wild	12/31/22	9:30A	30	405 – The Cape of Good Hope: Travel with Jack, and his wife Sue, to beautiful Cape Town as they discover how South Africa's wildlife is faring in the big city! They're literally stopping traffic to protect a troop of travelling Baboons. Then they hit the beach to hang out with a breeding colony of African Penguins -- a species on the road to recovery after being threatened by an oil spill a decade ago. Join Jack for this unforgettable adventure beneath majestic Table Mountain!



Series Description:

The Open Road with Dr. Chris is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. **The Open Road with Dr. Chris** follows Dr. Chris Brown around the world to visit some of the most beautiful, and sometimes bizarre, places, people, and animals. Exploring international destinations, Dr. Chris will uncover some of the best kept secrets of the region – from indigenous traditions transformed by modernity to diverse wildlife across the globe. The series hands viewers a passport to adventure they'll never forget, and sometimes may find hard to believe. Each episode of **The Open Road with Dr. Chris** delivers not only a carefully crafted mix of environmental, cultural, and wildlife interest stories, but also educates viewers on a range of local customs and geographical landmarks.

THE OPEN ROAD WITH DR. CHRIS

EPISODE SUMMARY 2022

Program	Date	Time	Duration	Summary
The Open Road	1/01/22	10AM	30	105 - DEFYING GRAVITY: Dr. Chris travels to Lord Howe Island to get an up-close look at some very unique birds. He then takes on several gravity defying challenges including climbing a coconut tree and riding the fastest roller coaster in the world.
The Open Road	1/08/22	10AM	30	106 - AQUATIC ADVENTURE: Dr. Chris embarks on an underwater adventure where he dives through a cavern to reach a unique spot teeming with vibrant fish and sharks. Then, he races alongside a pod of dolphins, and even tries his hand at singing with them. Finally, Dr. Chris comes eye to eye with humpback whales.
The Open Road	1/15/22	10AM	30	107 - CHALLENGE ACCEPTED: Dr. Chris begins his journey on Sir Bani Yas Island and discovers it to be an unlikely animal paradise. Then, he straps on his camera for a photography challenge. Finally, Dr. Chris undertakes the ultimate challenge to find out which extreme sport raises his heart rate the most.
The Open Road	1/22/22	10AM	30	110 - THE BIG ISLAND: Dr. Chris travels to the Big Island of Hawaii where he samples a local delicacy and dives into the deep to swim with giant manta rays. Next, he takes a helicopter ride to get a bird's-eye view of Kilauea. He then embarks on an epic hike through the mud to reach the volcano and see its mighty lava flows close up.
The Open Road	1/29/22	10AM	30	111: ANIMAL ENCOUNTERS: Dr. Chris travels across the globe and meets some of the most charismatic and unique animals on the planet. He begins in Malaysia where he helps orphaned orangutans and takes them outside for some monkey business. He meets a team of sled dogs that take him for a ride in the Australian Alps. He travels to Abu Dhabi to see why falcons are the preferred pet. Next, he joins a wolf pack in Canada. And finally, he learns why all the birds flock to Lord Howe Island.
The Open Road	2/05/22	10AM	30	112 - AN ELEPHANT NEVER FORGETS DR. CHRIS: Dr. Chris journeys to Thailand where he gets to be a mahout for a day and care for elephants. He then heads out to Thailand's markets and learns the meaning of a good bargain. Next, he travels back in time to the 60s to try out the threads and the dance moves. And finally, Dr. Chris goes to Abu Dhabi to live out the dream of being a racecar driver.

The Open Road	2/12/22	10AM	30	113: OFF TO THE RACES: Dr. Chris travels to Kenya, Africa where he goes on safari. Then, he pushes himself to the limits against the fastest runners in the world in a Kenyan marathon. Next, Dr. Chris explores Santiago, Chile, the cultural center of South America. And finally, Dr. Chris sends a few lucky mothers on a jetpack joyride to celebrate Mother's Day.
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The Open Road	2/19/22	10AM	30	114: OCEAN SAFARI: Dr. Chris travels to Japan to see the world's coolest monkeys who take advantage of the local hot springs. Then, he ventures out on an ocean safari to see the big five of the deep. And, he takes us on a tour of his Australian hometown, Bondi Beach.
The Open Road	2/26/22	10AM	30	THE SECRET LIFE OF TURTLES: Dr. Chris travels to the Great Barrier Reef where he explores the ocean floor wearing a very unique helmet. He then goes skydiving and gets a spectacular view of the reef from 15,000 feet in the air. Next, Dr. Chris heads out to Heron Island to witness a very important event in the life of green sea turtles.
The Open Road	3/05/22	10AM	30	116: OUTBACK MAIL RUN: Dr. Chris travels to Tokyo and discovers all the pet-friendly spots. On a three hour layover in the Cook Islands, Dr. Chris challenges himself to complete as many adventures as he can. Then, he goes on a mail run through the Outback and sees one of the most breathtaking sites on the planet.
The Open Road	3/12/22	10AM	30	117: NATURE'S PLAYGROUND: Dr. Chris finds nature's best playgrounds around the world. First, he dives in to race with dolphins. Then, he joins in an elephant water-fight in Thailand. He explores the spectacular Bungle Bungle Range in the Outback. He ventures into the deep waters off Hawaii to swim with giant manta rays. And finally, Dr. Chris journeys through one of nature's best waterparks.
The Open Road	3/19/22	10AM	30	108 - COLORFUL JOURNEY: Dr. Chris begins his journey in Tokyo to try out the newest trend in find dining. Then, he goes off road in Vanuatu to swim in a blue hole. His next adventure brings him to compete in The Color Run where his best attempts at avoiding being covered in color fail spectacularly. Finally, Dr. Chris visits a city that uses art and ingenuity to rebuild after a devastating earthquake.
The Open Road	3/26/22	10AM	30	109 - THE SECRET LIFE OF TURTLES: Dr. Chris travels to the Great Barrier Reef where he explores the ocean floor wearing a very unique helmet. He then goes skydiving and gets a spectacular view of the reef from 15,000 feet in the air. Next, Dr. Chris heads out to Heron Island to witness a very important event in the life of green sea turtles.

The Open Road	4/02/22	10AM	30	110 - THE BIG ISLAND: Dr. Chris travels to the Big Island of Hawaii where he samples a local delicacy and dives into the deep to swim with giant manta rays. Next, he takes a helicopter ride to get a bird's-eye view of Kilauea. He then embarks on an epic hike through the mud to reach the volcano and see its mighty lava flows close up.
The Open Road	4/09/22	10AM	30	111: ANIMAL ENCOUNTERS: Dr. Chris travels across the globe and meets some of the most charismatic and unique animals on the planet. He begins in Malaysia where he helps orphaned orangutans and takes them outside for some monkey business. He meets a team of sled dogs that take him for a ride in the Australian Alps. He travels to Abu Dhabi to see why falcons are the preferred pet. Next, he joins a wolf pack in Canada. And finally, he learns why all the birds flock to Lord Howe Island.

The Open Road	4/16/22	10AM	30	112: AN ELEPHANT NEVER FORGETS DR. CHRIS: Dr. Chris journeys to Thailand where he gets to be a mahout for a day and care for elephants. He then heads out to Thailand's markets and learns the meaning of a good bargain. Next, he travels back in time to the 60s to try out the threads and the dance moves. And finally, Dr. Chris goes to Abu Dhabi to live out the dream of being a racecar driver.
The Open Road	4/23/22	10AM	30	118 - MONKEY TROUBLE: Dr. Chris travels to Thailand where he encounters a group of monkeys that like to cause trouble. He explores the vibrant city of Valparaíso, Chile and goes in search of the best view of the city. Then, he joins a game of soccer where the uniform is a giant, plastic bubble. And finally, Dr. Chris steps back in time to master the Middle Ages.
The Open Road	4/30/22	10AM	30	119 – INTO THE DRAGON'S LAIR: Dr. Chris travels to Kangaroo Island and swims with a group of sea lions that like to have fun. Then, he enters the dragon's lair and discovers the leafy seadragon. Lastly, Dr. Chris embarks on a photography challenge filled with friendly competition.
The Open Road	5/07/22	10AM	30	120: LIFE UNDERGROUND: Dr. Chris is roughing it in the Blue Mountains outside of Sydney, Australia. While he's there, he gets in touch with his inner caveman. Then, he heads to the Outback and visits a town that's built underground.
The Open Road	5/14/22	10AM	30	121: ONE-OF-A-KIND EXPERIENCES: Dr. Chris travels the globe in search of the best one-of-a-kind experiences. First, he comes eye to eye with humpback whales. Then, he discovers the world's coolest monkeys in the hottest places in Japan. He comes to within inches of molten hot lava in Hawaii. He encounters Canada's most iconic creature. And finally, Dr. Chris pushes himself to the limit in a Kenyan marathon.

The Open Road	5/28/22	10AM	30	113 - OFF TO THE RACES: Dr. Chris travels to Kenya, Africa where he goes on safari. Then, he pushes himself to the limits against the fastest runners in the world in a Kenyan marathon. Next, Dr. Chris explores Santiago, Chile, the cultural center of South America. And finally, Dr. Chris sends a few lucky mothers on a jetpack joyride to celebrate Mother's Day.
The Open Road	6/04/22	10AM	30	114 - OCEAN SAFARI: Dr. Chris travels to Japan to see the world's coolest monkeys who take advantage of the local hot springs. Then, he ventures out on an ocean safari to see the big five of the deep. And, he takes us on a tour of his Australian hometown, Bondi Beach.
The Open Road	6/11/22	10AM	30	115: CROSSING CROCODILES: Dr. Chris ventures out into the Northern Territory of Australia to seek out the legendary saltwater crocodile. Then, it's off to the Outback, in search of kangaroos, wallabies, and emus in the Outback. Finally, Chris takes a vacation that's gone to the dogs!

The Open Road	6/18/22	10AM	30	116 - OUTBACK MAIL RUN: Dr. Chris travels to Tokyo and discovers all the pet-friendly spots. On a three hour layover in the Cook Islands, Dr. Chris challenges himself to complete as many adventures as he can. Then, he goes on a mail run through the Outback and sees one of the most breathtaking sites on the planet.
The Open Road	7/16/22	10AM	30	125: OFF THE BEATEN TRACK: Dr. Chris goes off the beaten track in some of the world's most popular cities. He gets an insider's tour of Thailand's bustling capital. He heads underground for a surprising adventure in Sydney. And Dr. Chris discovers the most unusual things to do in Brisbane.
The Open Road	7/23/22	10AM	30	126: CHASING BEAUTY: Dr. Chris travels to Tasmania where he rides a series of waterfalls down through a canyon. He then goes in search of one of the Southern Hemisphere's most spectacular sights: the Southern Lights. And Dr. Chris tours Australia's best beaches.
The Open Road	7/30/22	10AM	30	118: MONKEY TROUBLE: Dr. Chris travels to Thailand where he encounters a group of monkeys that like to cause trouble. He explores the vibrant city of Valparaíso, Chile and goes in search of the best view of the city. Then, he joins a game of soccer where the uniform is a giant, plastic bubble. And finally, Dr. Chris steps back in time to master the Middle Ages.
The Open Road	8/06/22	10AM	30	119 - Into the Dragon's Lair: Dr. Chris travels to Kangaroo Island and swims with a group of sea lions that like to have fun. Then, he enters the dragon's lair and discovers the leafy seadragon. Lastly, Dr. Chris embarks on a photography challenge filled with friendly competition.

The Open Road	8/13/22	10AM	30	120: LIFE UNDERGROUND: Dr. Chris is roughing it in the Blue Mountains outside of Sydney, Australia. While he's there, he gets in touch with his inner caveman. Then, he heads to the Outback and visits a town that's built underground.
The Open Road	8/20/22	10AM	30	121: ONE-OF-A-KIND EXPERIENCES (Best of): Dr. Chris travels the globe in search of the best one-of-a-kind experiences. First, he comes eye to eye with humpback whales. Then, he discovers the world's coolest monkeys in the hottest places in Japan. He comes to within inches of molten hot lava in Hawaii. He encounters Canada's most iconic creature. And finally, Dr. Chris pushes himself to the limit in a Kenyan marathon.
The Open Road	8/27/22	10AM	30	122: EXTREME ADVENTURE: Dr. Chris travels to New Zealand and experiences the most extreme adventures the country has to offer. He dares to go to the top of Sky Tower and brave the skywalk and the skyjump. Then, Dr. Chris goes ziplining and river tubing through an underground cave system.
The Open Road	9/03/22	10AM	30	123: WHALE OF A TALE: In Western Australia, Dr. Chris hunts for the world's largest shark; an underground search for a unique bird; professional rugby team; acrobat school.
The Open Road	9/10/22	10AM	30	124: DR. CHRIS'S MOST MEMORABLE MOMENTS: Dr. Chris explores Heron Island and witnesses an incredible event in the life of sea turtles; heads to Kangaroo Island and dives in to find the leafy sea dragon; travels to Thailand and encounters a group of monkeys that like to cause trouble; searches for the elusive pygmy elephant in Borneo; and competes in a race where the goal is to finish completely covered in color.
The Open Road	9/17/22	10AM	30	125: OFF THE BEATEN TRACK: Dr. Chris goes off the beaten track in some of the world's most popular cities. He gets an insider's tour of Thailand's bustling capital. He heads underground for a surprising adventure in Sydney. And Dr. Chris discovers the most unusual things to do in Brisbane.
The Open Road	9/24/22	10AM	30	126: CHASING BEAUTY: Dr. Chris travels to Tasmania, where he rides a series of waterfalls down through a canyon. Then, he goes in search of one of the Southern Hemisphere's most spectacular sights, the Southern Lights; and Dr. Chris tours Australia's best beaches.



Pet Vet Dream Team chronicles the lives of some of the world's busiest emergency veterinarians and the animals to whom they've dedicated their lives. Each week, these talented veterinarians race against the clock to help save their furry and feathered patients. Along the way, Pet Vet Dream Team will educate viewers on a range of medical procedures and exotic animal practices, in a manner accessible and understandable to children aged 13-16. As viewers catch a behind-the-scenes look at the veterinary profession, they also learn responsibility and empathy for animals of all kinds through the passionate work of the Pet Vet Dream Team.

PET VET DREAM TEAM

EPISODE SUMMARY 2022

Program	Date	Time	Duration	Summary
PET VET DREAM TEAM	10/01/22	10AM	30	Talented veterinarians Dr. Lisa Chimes and Dr. Andrew Marchevsky of the Small Animal Specialist Hospital deal with compelling cases of infirm and injured pets.
PET VET DREAM TEAM	10/08/22	10AM	30	Talented veterinarians Dr. Lisa Chimes and Dr. Andrew Marchevsky of the Small Animal Specialist Hospital deal with compelling cases of infirm and injured pets.
PET VET DREAM TEAM	10/15/22	10AM	30	103 - ABOVE AND BEYOND: Dr. Lisa Chimes receives an orphan dog that may have a deadly virus, but she'll give it her all to help this precious pup. Then, it's a role reversal for Dr. Andrew Marchevsky as his beloved PET chicken becomes a patient at SASH.
PET VET DREAM TEAM	10/22/22	10AM	30	7404 - Donkey Duties: A young boy with Down Syndrome finds his perfect sidekick in a donkey. Plus, a college student saves the life of a pigeon, so the pigeon returns the favor.
PET VET DREAM TEAM	10/29/22	10AM	30	105 - BRAVE LITTLE ONES: Dr. Lisa Chimes enlists Dr. Steve Fearnside's aid to treat Smudge the cat, who's been badly injured after running away. Then, Lisa and Dr. Andrew Marchevsky work to heal Sachi the dog after a fight, but they worry the damage goes deeper than they can see.
PET VET DREAM TEAM	11/05/22	10AM	30	106 - THESE OLD BONES : Dr. Andrew Marchevsky tries to fix Dougie the boxer's painful arthritis so the young pup can walk again. Then, Tim Faulkner heads to the suburbs to help a family with a mysterious pest problem.
PET VET DREAM TEAM	11/12/22	10AM	30	Talented veterinarians Dr. Lisa Chimes and Dr. Andrew Marchevsky of the Small Animal Specialist Hospital deal with compelling cases of infirm and injured pets.
PET VET DREAM TEAM	11/19/22	10AM	30	101 - THE DREAM TEAM ACTIVATES: Little Audrey the French Bulldog is struggling to breathe, but do veterinarians Lisa Chimes and Andrew Marchevsky have what it takes to fix her up? Then, Tim Faulkner has to find an escaped koala before the elusive explorer gets injured on the run.
PET VET DREAM TEAM	11/26/22	10AM	30	102 - TINY TROUBLES, BIG HEARTS: Dr. Lisa Chimes meets a tiny kitten with a gigantic problem...can the SASH team stitch up little Misty Blue? Then, Tim Faulkner is called on to help a newborn Tasmanian Devil in a life or death situation.

PET VET DREAM TEAM	12/03/22	10AM	30	103 – ABOVE AND BEYOND: Dr. Lisa Chimes receives an orphan dog that may have a deadly virus, but she'll give it her all to help this precious pup. Then, it's a role reversal for Dr. Andrew Marchevsky as his beloved PET chicken becomes a patient at SASH.
PET VET DREAM TEAM	12/10/22	10AM	30	104 – SPINES, SNAPPERS, AND SURPRISES: Fredi the dachshund is mysteriously paralyzed, but Drs. Lisa Chimes and Andrew Marchevsky have a plan to get him walking again. Then, Tim Faulkner has to bring a fiftyyear-old alligator snapping turtle to a checkup...and it'll take his whole team to pull off this feat.
PET VET DREAM TEAM	12/17/22	10AM	30	105 – BRAVE LITTLE ONES: Dr. Lisa Chimes enlists Dr. Steve Fearnside's aid to treat Smudge the cat, who's been badly injured after running away. Then, Lisa and Dr. Andrew Marchevsky work to heal Sachi the dog after a fight, but they worry the damage goes deeper than they can see.
PET VET DREAM TEAM	12/24/22	10AM	30	106 – THESE OLD BONES: Dr. Andrew Marchevsky tries to fix Dougie the boxer's painful arthritis so the young pup can walk again. Then, Tim Faulkner heads to the suburbs to help a family with a mysterious pest problem.
PET VET DREAM TEAM	12/31/22	10AM	30	107 – BABIES AND BRACES: The SASH team faces an unusual case when Cali the bull terrier pup comes in with severely misaligned teeth. Can they fix her up with a history making procedure? Then, Tim Faulkner heads to Devil Ark to welcome the next generation of endangered Tasmanian devils.



Ready, Set, Pet is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Hosted by Phil Torres, this series will educate and inform teens and their families about pet adoption, responsible pet ownership, and the importance of a green space for pets. Each episode, Phil will guide a family through the pet adoption process after a careful look at their unique situation to help them make an informed decision in finding the right pet for their lifestyle. While the family visits local shelters and rescues, experts revitalize their outdoor space to make a safe and eco-friendly home for their new pet. In the end, viewers will see family members overcome their disagreements and make the tough decision on which pet will join the family. ***Ready, Set, Pet*** will teach viewers that thoughtful preparation is key when learning to care for an animal's needs.



Series: *Ready, Set, Pet*

10/1/2018

RE: PROGRAM CONTENT

To Whom It May Concern:

The purpose of this letter is to provide television stations with certified documentation that the producers of the *Ready, Set, Pet* series design the program to educate and inform children 13- 16 years of age.

Litton Entertainment is the producer of the *Ready, Set, Pet* series.

This is a live action, half-hour television program designed to meet the educational and informational needs of children.

Hosted by Phil Torres, this series will educate and inform teens and their families about pet adoption, responsible pet ownership, and the importance of a green space for pets. Each episode, Phil will guide a family through the pet adoption process after a careful look at their unique situation to help them make an informed decision in finding the right pet for their lifestyle. While the family visits local shelters and rescues, experts revitalize their outdoor space to make a safe and eco-friendly home for their new pet. In the end, viewers will see family members overcome their disagreements and make the tough decision on which pet will join the family. *Ready, Set, Pet* will teach viewers that thoughtful preparation is key when learning to care for an animal's needs.

In order for parents, children, and listing services to clearly identify the programs as ones that fulfill the FCC programming requirements that meet children's educational television needs, each episode is closed-captioned and contains an E/I icon for the duration of the program with the recommended parental rating icon – typically, if not always, TV-G.

Sincerely,
Dave Morgan
Litton Entertainment

LITTON
ENTERTAINMENT

READY SET PET

EPISODE SUMMARY 2022

Program	Date	Time	Duration	Summary
READY, SET, PET	1/01/22	10:30AM	30	105 - All Grown Up: Simone is looking for a high energy pup to keep her company in her studio apartment, and her sister Shawn is coming along to help her make the right decision.
READY, SET, PET	1/08/22	10:30AM	30	<u>106 - Career Change:</u> Amy, Scott and their kids are waiting to get matched with a dog released from a seeing-eye training program. While Mom and the kids want a puppy, Dad would like an older dog.
READY, SET, PET	1/15/22	10:30AM	30	107 - A Friend for Faith: Dawn and her kids are looking to get a new dog that will get along with their cat, Faith. Dawn wants a dog that likes to snuggle and relax, while her kids are looking for something with a little more energy.
READY, SET, PET	1/22/22	10:30AM	30	108 - The Hiking Partner: Dennis and Anastasia are looking for a dog to take on hikes and keep up with their active lifestyle. But when it comes down to which pup is best for them, it's all about the size.
READY, SET, PET	1/29/22	10:30AM	30	110 - Summer Surprise: Farid and George are surprising their twins with a dog. While George is more openminded to looking for what the kids want, Farid is a bit more apprehensive. Will they be able to compromise?
READY, SET, PET	2/05/22	10:30AM	30	111 - A Cat's Dog: Natalie has decided her two daughters are ready for the responsibility of a dog. So, they're looking for a pup to get along with their two cats. Will they find the right match?
READY, SET, PET	2/12/22	10:30AM	30	112 - From Foster to Forever: Mika and Ron have fostered dogs before, but now it's time to adopt a forever pet. Will they be able to find a pup that fits in with both of their personalities?
READY, SET, PET	2/19/22	10:30AM	30	113 - Bella's New Companion: Kelly, Phil and their daughter Jules are looking to adopt a pet -- just as long as it gets along with their Chinese Crested dog, Bella.
READY, SET, PET	2/26/22	10:30AM	30	109- Sebastian's Dream Kitty: 5-year-old Sebastian has a Make-A-Wish to get an exotic cat that's curious, playful, and sweet. Will he be able to find something that checks all of his boxes?
READY, SET, PET	3/05/22	10:30AM	30	115 - Brand New Backyards: Two New Jersey families are looking to adopt the perfect canine companion, but they need to spruce up their backyards first.

READY, SET, PET	3/12/22	10:30AM	30	116 - Ready for Responsibility: Two moms decide their daughters are ready for the responsibility of a dog, but will they be able to agree on the right breed?
READY, SET, PET	3/19/22	10:30AM	30	117 - Fit for a City: Can two families who live in New York City find the perfect dog for their urban spaces and active lifestyles?
READY, SET, PET	3/26/22	10:30AM	30	109 - Sebastian's Dream Kitty: 5-year-old Sebastian has a Make-A-Wish to get an exotic cat that's curious, playful, and sweet. Will he be able to find something that checks all of his boxes?
READY, SET, PET	4/02/22	10:30AM	30	110 - Summer Surprise: Farid and George are surprising their twins with a dog. While George is more openminded to looking for what the kids want, Farid is a bit more apprehensive. Will they be able to compromise?
READY, SET, PET	4/09/22	10:30AM	30	111 - A Cat's Dog: Natalie has decided her two daughters are ready for the responsibility of a dog. So, they're looking for a pup to get along with their two cats. Will they find the right match?
READY, SET, PET	4/16/22	10:30AM	30	112 - From Foster to Forever: Mika and Ron have fostered dogs before, but now it's time to adopt a forever pet. Will they be able to find a pup that fits in with both of their personalities?
READY, SET, PET	4/23/22	10:30AM	30	113 - Bella's New Companion: Kelly, Phil and their daughter Jules are looking to adopt a pet -- just as long as it gets along with their Chinese Crested dog, Bella.
READY, SET, PET	4/30/22	10:30AM	30	114 - A New Chapter: After moving to NY and leaving her first dog with her parents in FL, Mariana is finally ready to bring a new dog into her home. With the help of her roommate, Mariana meets three very different dogs.
READY, SET, PET	5/07/22	10:30AM	30	115 - Brand New Backyards: Two New Jersey families are looking to adopt the perfect canine companion, but they need to spruce up their backyards first.
READY, SET, PET	5/14/22	10:30AM	30	116 - Ready for Responsibility: Two moms decide their daughters are ready for the responsibility of a dog, but will they be able to agree on the right breed?
READY, SET, PET	5/28/22	10:30AM	30	101 - First Four-Legged Friend: Model, Denise Bidot is surprising her daughter Joselyn with her first four-legged friend. Joselyn wants a puppy with energy, while Denise is looking for a bigger dog to act as a protector. Who will they choose?

READY, SET, PET	6/04/22	10:30AM	30	102 - A Cat For A Nanny: Mominatu is a nanny who is looking for a cat that's good with kids. She's got her heart set on an exotic breed, but everything could change when she gets to the shelter.
READY, SET, PET	6/11/22	10:30AM	30	103 - A Playful Pup: Newlyweds Tiffani and Carl are adopting their first dog as a couple. While they both want a puppy to fit into their active lifestyle, it all comes down to the breed!
READY, SET, PET	6/18/22	10:30AM	30	104 - Shepherd vs. Newfoundland: Rich and his son Grayden recently lost their German Shepherd and while it's been a hard adjustment, it's finally time for them to bring a new dog into their home.
READY, SET, PET	7/16/22	10:30AM	30	108 - The Hiking Partner: Dennis and Anastasia are looking for a dog to take on hikes and keep up with their active lifestyle. But when it comes down to which pup is best for them, it's all about the size.
READY, SET, PET	7/23/22	10:30AM	30	109 - Sebastian's Dream Kitty: 5-year-old Sebastian has a Make-A-Wish to get an exotic cat that's curious, playful, and sweet. Will he be able to find something that checks all of his boxes?
READY, SET, PET	7/30/22	10:30AM	30	110 - Summer Surprise: Farid and George are surprising their twins with a dog. While George is more openminded to looking for what the kids want, Farid is a bit more apprehensive. Will they be able to compromise?
READY, SET, PET	8/06/22	10:30AM	30	111 - A Cat's Dog: Natalie has decided her two daughters are ready for the responsibility of a dog. So, they're looking for a pup to get along with their two cats. Will they find the right match?
READY, SET, PET	8/13/22	10:30AM	30	112 - From Foster to Forever: Mika and Ron have fostered dogs before, but now it's time to adopt a forever pet. Will they be able to find a pup that fits in with both of their personalities?
READY, SET, PET	8/20/22	10:30AM	30	113 - Bella's New Companion: Kelly, Phil and their daughter Jules are looking to adopt a pet -- just as long as it gets along with their Chinese Crested dog, Bella.
READY, SET, PET	8/27/22	10:30AM	30	114 - A New Chapter: After moving to NY and leaving her first dog with her parents in FL, Mariana is finally ready to bring a new dog into her home. With the help of her roommate, Mariana meets three very different dogs.
READY, SET, PET	9/03/22	10:30AM	30	115 - Brand New Backyards: Two New Jersey families are looking to adopt the perfect canine companion, but they need to spruce up their backyards first.

READY, SET, PET	9/10/22	10:30AM	30	116 - Ready for Responsibility: Two moms decide their daughters are ready for the responsibility of a dog, but will they be able to agree on the right breed?
READY, SET, PET	9/17/22	10:30AM	30	117 - Fit for a City: Can two families who live in New York City find the perfect dog for their urban spaces and active lifestyles?
READY, SET, PET	9/24/22	10:30AM	30	108 - The Hiking Partner: Dennis and Anastasia are looking for a dog to take on hikes and keep up with their active lifestyle. But when it comes down to which pup is best for them, it's all about the size.



Tails of Valor, Series Description:

Tails of Valor, hosted by Kel Mitchell, is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16.

Tails of Valor captures the incredible true stories of the service animals working to change people's lives. From family and friends to animal trainers, we'll explore how these animals are readied to serve and how they not only change the lives of their owners and handlers, but also of those around them. We'll also examine the life science behind these relationships, including the animals' unique and powerful senses that enable them to protect their human charges. From service animals for children on the spectrum to service dogs for wounded veterans, ***Tails of Valor*** will educate viewers on the day-to-day jobs of these incredible animals and the quality of life they provide the people they serve, leaving them with a greater compassion for animals. Viewers will learn to see the world from different perspectives, and how those with disabilities experience everyday life and the challenges they face.

The producers of ***Tails of Valor*** series design the program to educate and inform children 13- 16 years of age.

TAILS OF VALOR

EPISODE SUMMARY 2022

Program	Date	Time	Duration	Summary
TAILS OF VALOR	10/01/22	10:30AM	30	Kel Mitchell hosts a look at true stories of service animals working to change people's lives.
TAILS OF VALOR	10/08/22	10:30AM	30	Kel Mitchell hosts a look at true stories of service animals working to change people's lives.
TAILS OF VALOR	10/15/22	10:30AM	30	7403 - Bottlenose Best: After years of trying to find the right therapy animal, this veteran finds his perfect match in an Atlantic Bottlenose dolphin. Plus, parents find confidence and comfort in this Cocker Spaniel to serve as a protector for their diabetic son.
TAILS OF VALOR	10/22/22	10:30AM	30	7404 - Donkey Duties: A young boy with Down Syndrome finds his perfect sidekick in a donkey. Plus, a college student saves the life of a pigeon, so the pigeon returns the favor.
TAILS OF VALOR	10/29/22	10:30AM	30	7405 – The Mane of the House: A miniature horse is the perfect service animal for one dog trainer with diabetes. Then, a yellow lab gives his handler new hope the moment he walks into her life.
TAILS OF VALOR	11/05/22	10:30AM	30	7406 – From Swine to Fine: A miniature pot-bellied pig gives a little boy the confidence and comfort he needs to make friends and to be himself. Then, a poodle is the eyes and right hand for his vision impaired handler.
TAILS OF VALOR	11/12/22	10:30AM	30	Kel Mitchell hosts a look at true stories of service animals working to change people's lives.
TAILS OF VALOR	11/19/22	10:30AM	30	7408 – The Lab-rynth: A horse becomes the rock that a little girl with Asperger's needs to thrive outside of her comfort zone. Then, a black lab helps a young boy with special needs break out of his shell and break out his smile.
TAILS OF VALOR	11/26/22	10:30AM	30	7401 – Surf's Pup!: A surfing dog helps a young boy find his confidence in the water. Plus, how Stanley the poodle helps a young woman with a heart defect feel safer every day.
TAILS OF VALOR	12/03/22	10:30AM	30	7402 – Dynamic Doggos: A black lab keeps a veteran and her family feel comfortable after coming home from being deployed overseas. Plus, a horse and a dog pair up to form an unusual team to help a young woman overcome her anxiety.

TAILS OF VALOR	12/10/22	10:30AM	30	7403 – Bottlenose Best: After years of trying to find the right therapy animal, this veteran finds his perfect match in an Atlantic Bottlenose dolphin. Plus, parents find confidence and comfort in this Cocker Spaniel to serve as a protector for their diabetic son.
TAILS OF VALOR	12/17/22	10:30AM	30	7404 – Donkey Duties: A young boy with Down Syndrome finds his perfect sidekick in a donkey. Plus, a college student saves the life of a pigeon, so the pigeon returns the favor.
TAILS OF VALOR	12/24/22	10:30AM	30	7405 – The Mane of the House: A miniature horse is the perfect service animal for one dog trainer with diabetes. Then, a yellow lab gives his handler new hope the moment he walks into her life.
TAILS OF VALOR	12/31/22	10:30AM	30	7405 – From Swine to Fine: A miniature pot-bellied pig gives a little boy the confidence and comfort he needs to make friends and to be himself. Then, a poodle is the eyes and right hand for his vision impaired handler.

ANTENNA TV

Digital Channel WZTV – D3

SCIENCE WORLD

TARGETS AGES 13-16 YEARS

Aired: SATURDAYS @ 8:00AM - A HALF HOUR PROGRAM

This program follows the surprising, exotic and challenging lives of a veterinary staff that cares for over 2,000 animals. The viewer will witness a variety of wild experiences through the eyes of the veterinary team, such as nutrition, treatments, x-rays, surgery, preventive care and dealing with emergencies. Through this program, the viewer will be given a glimpse of the enormity, variety and quality of treatment that sets the standard for animal care.

WILD WONDERS AT THE SAN DIEGO ZOO

TARGETS AGES 13-16 YEARS

Aired: SATURDAYS @ 8:30AM - A HALF HOUR PROGRAM

This program is based at the San Diego Zoo and features notable animal experts. This program examines the various differences between animals and teaches children about animals and their habits through contrast and comparison. An episode example includes learning the unique relationship between cheetah and dog.



Telco Productions, Inc.

Dear Station,

Pursuant to the Children's Television Act of 1990 and the rules and regulations of the FCC, "SCIENCE WORLD" satisfies the FCC's Children's programming requirements and may be classified as Core Programming as defined under Section 73.671 of the Commission's Rules.

"SCIENCE WORLD" furthers the educational and informational needs of children 13 to 16 years of age with its programming content, including featuring stories of scientific developments around the world.

"SCIENCE WORLD" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per halfhour). "SCIENCE WORLD" does not display any Internet commercial web site address or host selling during or adjacent to the program and is otherwise in compliance with Sections 73.670(a) through (d) of the Commission's Rules. If you have any other questions or comments, please feel free to contact us.

Sincerely,

Alex Paen

President, Telco Productions

Telco Productions, Inc.

2730 Wilshire Boulevard, Suite 200, Santa Monica, CA 90403

Telephone (310) 828.4003 Fax (310) 828.3340 Email info@telcoproductions.com



Alex Paen
Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200
Santa Monica, CA 90403



Dear Alex,

I have reviewed several episodes of the program "SCIENCE WORLD" and I am confident that the series meets the educational and informational needs of children 13 to 16 years of age with its program content. The series features stories about various scientific topics, making "SCIENCE WORLD" a wonderful example of how a television program can educate and illuminate all aspects of the scientific world to a teenage viewer. From laser technology to the importance of magnets to plant research to developing risk assessments for natural disasters, "SCIENCE WORLD" features scientists from around the United States explaining complex issues in simple, understandable ways. I believe the series creates interest in young viewers to further their studies in the science world while informing them of recent scientific developments.

"SCIENCE WORLD" is educational, informative and entertaining, and an important part of any teenager's television viewing schedule.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian A. Peña".

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College

Telco Productions, Inc.

July, 2020

Dear Station,

Pursuant to the Children's Television Act of 1990 and the rules and regulations of the FCC, "WILD WONDERS AT THE SAN DIEGO ZOO" satisfies the FCC's Children's programming requirements and may be classified as Core Programming as defined under Section 73.671 of the Commissions Rules. "WILD WONDERS AT THE SAN DIEGO ZOO" furthers the educational and informational needs of children 13 to 16 years of age with its programming content, including information about various animals and their habitats.

"WILD WONDERS AT THE SAN DIEGO" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). "WILD WONDERS AT THE SAN DIEGO ZOO" does not display any Internet commercial web site address or host selling during or adjacent to the program, and is otherwise in compliance with Sections 73.670(a) through (d) of the Commission's Rules. If you have any other questions or comments, please feel free to contact us.

Sincerely,



Alex Paen

President, Telco Productions

Telco Productions, Inc.

2730 Wilshire Boulevard, Suite 200, Santa Monica, CA 90403

Telephone (310) 828.4003 Fax (310) 828.3340 Email info@telcoproductions.com



Alex Paen
Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200
Santa Monica, CA 90403

Dear Alex,

I have reviewed several episodes of the program "WILD WONDERS" and I am confident that it meets the educational and informational needs of children 13 to 16 years of age with its program content. The series explores all types of wild animals, while providing important information by experts from the San Diego Zoo. Each episode gives teenage viewers a close-up look of different animal species, such as flamingoes, pandas, and cobras. The series also examines the details of the living habits of each animal and how zoo keepers care for them.

For example, in one episode, the lifestyles of gorillas are explored while another episode focuses on elephants.

"WILD WONDERS" is educational, informative and entertaining, while providing teenage viewers with extraordinary insights into the lives of wild and exotic creatures.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian A. Peña".

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College



Archdiocese of Los Angeles

Office of the Chancellor
Office: (213) 637-7460
Fax: (213) 637-6460

3424
Wilshire
Boulevard

Los Angeles
California
90010-2241

August 9, 2016

Alex Paen
Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200
Santa Monica, CA 90403

Dear Alex,

Reviewing episodes of the program "WILD WONDERS at the San Diego Zoo," and I am confident that it meets the educational and informational needs of children 13 to 16 years of age with its program content. The series explores the lives of various zoo animals while examining unique critters in the animal kingdom.

For instance, episodes focus on lesser known animals such as Yellow-legged Frogs and Guinea Fowl. The series also shows how the dedicated staff at the San Diego Zoo care for these critters. Additionally, each episode examines the animals' living environment, while providing detailed explanations of the particular animal species.

"WILD WONDERS at the San Diego Zoo" is educational and informative and gives teen viewers a wonderful look at the wild wonders that exist in the animal kingdom.

Sincerely,

Sister Mary Elizabeth Galt, B.V.M., Chancellor
Board Member, Archdiocese of Los Angeles
Education & Welfare Corporation

MEG:gs

TBD

Digital Channel WZTV – D4

AMERICA'S HEARTLAND - TARGETS AGES 13-16 YEARS

AIRED: WEDNESDAYS @ 6:00AM AND 6:30AM – A HALF HOUR PROGRAM

Much of the food Americans eat is produced by farmers and ranchers in the country's heartland, but many children don't know how it's produced. "America's Heartland" provides information about the people and processes responsible for the availability of food and fuel across the country and around the world. The show's reporters and producers tell stories in topics that include farm families, consumer issues, animal welfare and crop sustainability. Children will learn about the production of the food and fuel they consume. Some episodes also take the show abroad to countries such as Egypt and Taiwan, to show the impact American agriculture has on the global economy.

ANIMAL RESCUE - TARGETS AGES 13-16 YEARS

AIRED: THURSDAYS @ 6:00AM AND 6:30AM - HALF HOUR PROGRAM

This program exerts a positive influence on its viewers by illustrating the best of human instincts. In particular, the show highlights respect and compassion for all living creatures, informative instruction on medical rehabilitation treatments and techniques, and the teamwork of animal rescue personnel. The viewer learns valuable information about animal development, behavior and habitats, and is also made aware of important environmental issues.

DOG TALES - TARGETS AGES 13-16 YEARS

AIRED: FRIDAYS @ 6:00AM AND 6:30AM - A HALF HOUR PROGRAM

Each episode of Dog Tales profiles a breed of dog; its history, popularity and characteristics. Viewers will learn the differences in dogs and how those differences affect their lives. Viewers are shown families who own particular breeds, how they interact with their dogs, and how they are a valuable part of the family. Several dog experts explain the various dogs' needs, health, nutrition requirements, safety, and care.



Generic Description:
AMERICA'S HEARTLAND

"America's Heartland" is a weekly half-hour series featuring everyday Americans and their families, telling fascinating stories across America's heartland. From learning how to make maple syrup to riding with teenage ranchers, this series explores the various ways of life in the current United States, while showcasing the diversity of how people live and work. Each episode visits several locations and introduces teen viewers to ordinary Americans who sometimes have extraordinary occupations. The series also highlights the history of different regions of the country while providing important facts about each place visited.



Dear Station,

Pursuant to the Children's Television Act of 1990, America's Heartland will satisfy the FCC Children's programming requirement and can be classified as either core or noncore

programming. America's Heartland serves the educational and informational needs of children 13 to 16 years of age with its program content, including the importance of learning about farming and feeding the world. Teenage students are presented with fascinating stories and introduced to exceptional individuals who operate family farms through America's heartland.

America's Heartland as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). America's Heartland does not display any Internet web site address or host selling during or adjacent to the program and is otherwise in compliance with Sections 73.670(a) through (d) of the Commission's Rules.

To facilitate your FCC filings, episode synopses are available on line at our website, www.telcoproductions.com. Also available on-line are testimonials from our educational advisory review board, consisting of educators and other professionals who have reviewed the series (see the following letters for details).

If you have any other questions, please don't hesitate to contact us.

Sincerely,

Alex Paen

President, Telco Productions, Inc.



Archdiocese of Los Angeles

Office of the Chancellor
Office: (213) 637-7460
Fax: (213) 637-6460

3424
Wilshire
Boulevard

Los Angeles
California
90010-2241

April 14, 2015

Mr. Alex Paen
Telco Productions, Inc.
2730 Wilshire Boulevard, Suite 200
Santa Monica, CA 90403

Dear Mr. Paen:

I have reviewed several episodes of the program "**AMERICA'S HEARTLAND**" and I am confident that it meets the educational and informational needs of children 13 to 16 years of age with its program content.

The **AMERICA'S HEARTLAND** series is the powerful and interesting story of America's farming history. The episodes I viewed covered from Jamestown to the Louisiana Purchase to the Homestead Act of 1862. This series is not only informative but entertaining.

City students would enjoy the exposure to life on a farm. **AMERICA'S HEARTLAND** is certainly educational, entertaining and informative.

Sincerely,

Sister Mary Elizabeth Galt, B.V.M.
Chancellor
Department of Catholic Schools

MEG:gs



Alex Paen
Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200
Santa Monica, CA 90403

Dear Alex,

I have reviewed several episodes of the program AMERICA S HEARTLAND and I am confident that it meets the educational and informational needs of children 13 to 16 years of age with its program content. Each episode in the series is a history lesson on America and its agricultural heritage. It offers teen viewers important information on various topics of life in rural parts of the United States. The programs explain how food is grown and used in different ways. For example, the process of making maple syrup or turning corn into fuel, are just a couple of examples.

In each episode, viewers visit ranches, farms or other locations and learn about different occupations and the rich history of heartland jobs and professions.

AMERICA S HEARTLAND is an important addition to any broadcast stations programming line-up because the series informs and educates young viewers, while broadening their understanding of the agricultural fabric of the United States.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian A. Peæa".

Brian A. Peæa, MS
Adjunct Faculty
Santa Monica College



ANIMAL R ESCUE

“Animal Rescue” is a weekly half-hour reality series showcasing spectacular rescues of all types of animals. The series focuses on the dedicated people around the world who help sick, injured or abused animals. The program also instructs children on the proper care of animals and provides safety tips on how to care for all kinds of creatures in the animal kingdom. The show is aimed at children and families who want to learn about animal treatment, care and protection.

Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200, Santa Monica, CA 90403 USA
Tel: (310) 828-4003 Fax: (310) 828-3340 e-mail: mail@animalrescuetv.com
<http://www.animalrescuetv.com>



TELCO PRODUCTIONS, INC.

Dear Station,

Pursuant to the Children's Television Act of 1990 and the rules and regulations of the FCC, "ANIMAL RESCUE" satisfies the FCC's Children's programming requirements and may be classified as Core Programming as defined under Section 73.671 of the Commission's Rules. "ANIMAL RESCUE" furthers the educational and informational needs of children 13 to 16 years of age with its programming content, including safety tips and informational about various animals and their habitats. The programs also show real life in-the-field experiences of professional and ordinary people taking care of, treating and helping various animals, as well as exhibiting good social responsibility and promoting strong personal and community values. "ANIMAL RESCUE" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). "ANIMAL RESCUE" does not display any Internet web site address or host selling during or adjacent to the program, and is otherwise in compliance with Sections 73.670(a) through (d) of the Commission's Rules.

To facilitate your FCC filings, episode synopses are available on-line at our website, www.telcoproductions.com. Also available online are testimonials from our program advisory board, consisting of educators and veterinary professionals who have reviewed the program (see following pages). If you have any other questions or comments, please feel free to contact us.

Sincerely,

Alex Paen
President,
Telco Productions, Inc.

VCA Wilshire Animal Hospital

2421 Wilshire Boulevard
Santa Monica, CA 90403

Tel.: (310) 828-4587

Fax: (310) 453-1562



Dear Alex,

Upon review of several programs, it is my opinion that "Animal Rescue" is an educational and instructional television series for children 16 years of age and younger. As a teacher, lecturer and Doctor of Veterinary Medicine, I feel "Animal Rescue" is specifically designed to educate and inform children about various types of animals and their care, as well as showcasing professional and non-professional people exhibiting selfless dedication assisting animals in need. The programs not only educate youngsters about a wide and diverse range of the world's animals, their habitats and how they live, but they also offer instruction on medical and rehabilitation techniques and address the social aspects and emotional concerns of being a responsible citizen.

As an Adjunct Professor at Western University School of Veterinary Medicine, a lecturer at UCLA Extension and a practicing veterinarian, I would recommend "Animal Rescue" to parents, educators and broadcasters as an excellent example of informational programming serving young viewers.

Sincerely,

A handwritten signature in blue ink, which appears to read 'Frank Lavac'. The signature is fluid and stylized, with a long horizontal stroke extending to the right.

Frank Lavac, MS, D.V.M., Board Certified Specialist in Avian Medicine and Surgery

Wilshire Animal Hospital



International Fund for Animal Welfare

To Whom It May Concern:

We at IFAW (International Fund for Animal Welfare – www.ifaw.org) value the educational and informative content of the television program *Animal Rescue*. We feel that it provides youths with a good understanding of the key threats faced by animals both wild and domestic. We also feel that it provides responsible guidance to youths in encouraging them to become involved in key animal welfare and conservation initiatives. IFAW supports the good work of the television program *Animal Rescue* and recommends it to parents, educators and others who control the television viewing of youths in America.

www.ifaw.org

INTERNATIONAL HEADQUARTERS
411 Main Street
Yarmouth Port, MA 02675-1843
USA
Tel: 508 744 2000
Fax: 508 744 2009

OFFICES IN:

Australia
Belgium
Canada
China
East Africa
France
Germany
Mexico
Netherlands
Russia
South Africa
United Kingdom

Jennifer Ferguson-Mitchell

IFAW Deputy Director, Communications



COMMUNICATION STUDIES/SPEECH
334 KINSEY HALL
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90095-1538

Alex Paen
President, Telco Productions, Inc.
2730 Wilshire Boulevard, Suite 2000
Santa Monica, CA 90403

Re: "Animal Rescue"

Dear Alex:

You asked me to review the program "Animal Rescue" and provide my opinion as to its educational and informational value for children under 16 years of age. I am happy to do so.

I believe the program exerts a extremely positive influence on young viewers; the stories are wonderful illustrations of the best of human instincts. Its particular strengths are its themes of respect and compassion for all living creatures, its informative instruction on medical rehabilitation treatments and the techniques and teamwork of rescue personnel. It provides valuable information to young viewers about the animals themselves, their habitats, development and behavior, and also promotes awareness of important environmental issues.

"Animal Rescue" strongly promotes the kind of pro-social values that are of inestimable importance in shaping the growth and character of young people. It is a sorely needed antidote to so much of television programming that presents a negative view of society and human behavior. The program is an excellent vehicle for informing and educating children and would be a valuable addition to any broadcaster's lineup. The public interest is well served by this series.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Paul Rosenthal".

Paul Rosenthal
Associate Professor
Communication Studies, UCLA



DOG TALES

"Dog Tales" is a weekly half-hour educational/ informational series showcasing all aspects of the canine world. The series, which is appropriate for family viewing and children ages 13-16 in particular, offering useful information on all kinds of dogs and the people who love them. The program also instructs young viewers on the proper care of pets and provides safety, health and training tips that are useful for all kinds of dogs. In addition to showcasing skilled and compassionate individuals helping dogs and dogs assisting people, the program emphasizes responsible pet ownership, compassion for all living creatures and promotes strong personal and community values, all in a manner that is as entertaining as it is informative. "Dog Tales" is closed-captioned for the hearing impaired and displays the "E/I" icon throughout the broadcast.

Telco Productions, Inc.
2730 Wilshire Blvd., Suite 200, Santa Monica, CA 90403 USA
Tel: (310) 828-4003 Fax: (310) 828-3340 e-mail: info@telcoproductions.com
<http://www.telcoproductions.com> <http://www.dogtales.tv>



Dear Station,

Pursuant to the Children's Television Act of 1990, "Dog Tales" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "Dog Tales" serves the educational and informational needs of children 13-16 years of age with its program content, including dog safety and care tips, as well as lessons on the responsibility of owning a dog. The show also provides informative segments on various dog breeds and showcases various veterinary experts explaining different issues affecting canines. The weekly series also includes recommended reading lists about dogs and promotes children's writing and creative skills with essay and art contests.

To facilitate your FCC filings, episode synopses are available online at our website, www.telcoproductions.com. Also available on-line are testimonials from our educational advisory review board, consisting of educators and veterinary professionals who have reviewed the program (see opposite pages).

If you have any other questions, please don't hesitate to contact us.

Sincerely,

A handwritten signature in black ink that reads "Alex Paen". The signature is written in a cursive, flowing style.

Alex Paen

President, Telco Productions, Inc.

TELCO PRODUCTIONS, INC.
2730 Wilshire Boulevard, Suite 200, Santa Monica, CA 90403
Telephone 310-828-4003 Fax 310-828-3340
E-mail: info@telcoproductions.com

VCA Wilshire Animal Hospital

2421 Wilshire Boulevard
Santa Monica, CA 90403

Tel.: (310) 828-4587

Fax: (310) 453-1562



Dear Alex,

It's my opinion that "Dog Tales" is a valuable educational and instructional television series for children 13 to 16 years of age. The program contains information on medical and health issues for dogs, as well as providing facts and histories of various dog breeds. As a teacher, lecturer and Doctor of Veterinary Medicine, I feel "Dog Tales" educates children about all types of dogs and showcases professional and non-professional people helping and caring for dogs as well as learning the responsibilities of dog ownership. By promoting compassionate behavior towards dogs, the show provides young viewers with a positive message about "man's best friend" and how they are a major part of our world.

As an Adjunct Professor at Western University School of Veterinary Medicine, a lecturer at UCLA Extension and a practicing veterinarian, I would recommend "Dog Tales" to parents, educators and broadcasters as an excellent example of informational programming serving families and especially young viewers.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Frank Lavac', with a large, sweeping flourish extending from the end of the name.

Frank Lavac, MS, D.V.M., Board Certified Specialist in Avian Medicine and Surgery

Wilshire Animal Hospital



International Fund for Animal Welfare

FREDERICK M. O'REGAN, PRESIDENT

Dear Alex,

We at IFAW (International Fund for Animal Welfare – www.ifaw.org) believe the educational and informative content of “Dog Tales” is suitable for children 13-16 years of age. The show highlights the compassionate care of dogs while informing young viewers about the responsibilities of dog ownership.

We also feel the show provides guidance to young people in encouraging them to become involved in animal welfare.

The show contains examples of various programs administered by professional animal workers as well as volunteers helping dogs. “Dog Tales” also includes various interactions of individuals and families with dogs and how these relationships foster a better understanding of our world today.

IFAW supports “Dog Tales” as a wonderful example of what young viewers should be watching on television and we highly recommend it to parents and educators as well.

Sincerely,

Nancy Barr
Public Affairs
IFAW International Headquarters

www.ifaw.org

INTERNATIONAL HEADQUARTERS

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Netherlands
Russia
South Africa
United Kingdom

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II. Children's Educational Specials, Standard Length

NONE TO REPORT 2022

WZTV – ANNUAL REPORT 2022

III. Children's Educational Programming, Short Segment

NONE TO REPORT 2022

WZTV ANNUAL REPORT 2022

OTHER BROADCAST_NON-BROADCAST EFFORTS CHILDREN AND FAMILY COMMUNITY ACTIVITIES

During 2022 WZTV either participated or hosted the following community related events:

Sinclair Cares: Summer Hunger Relief (June) partnered with the local food banks (Feeding America Food Bank) to assist in raising awareness and raise-funds that helped 1.76 million meals for kids and families that are in need!

Aired public service announcements and partnered with local The Heritage Foundation “Main Street Festival”. This annual tradition festival (Saturday, April 23 & Sunday, April 24) attracted visitors far and wide to its free annual event fulfilling arts & crafts enthusiast, live entertainment, variety of food & drinks, and tons of fun for the entire family (KidZone and PetZone) within historic downtown Franklin, Tennessee. This family annual tradition has been listed among the top 20 events within the Southeast by the Southeast Tourism Society.

Partnered and aired public service announcements for Girls on the Run of Middle Tennessee “GOTR 5K event that took place on December 3rd. Girls on the Run is an organization dedicated to creating a world where every girl knows and activates her limitless potential and is free to boldly pursue her dreams.

Participated and aired public service announcements for “The Heritage Foundation Dickens of a Christmas festival. Dickens of a Christmas is Middle Tennessee’s largest outdoor Christmas festival that took place on December 11 and December 12. Dickens of a Christmas was a free festival that recreated the time of Charles Dickens using historic downtown Franklin’s charm, variety of musicians, dancers and Dickens characters filled the streets as the backdrop.

Participated and aired public service announcements for the local Juvenile Diabetes Research Foundation chapter (JRDF) of Middle Tennessee to air public announcements for the JDRF One Walk on Saturday, October 1 in Downtown Nashville. JDRF is an organization dedicated to raising awareness (funds) to help families in need of research, advocacy (support), and fund more support for the millions of Americans living with T1D.

Participated and aired public service announcements for local The Heritage Foundation 37th Annual “Pumpkinfest!”. Pumpkinfest is Middle Tennessee’s largest family fall festival that took place on Saturday, October 29. Pumpkinfest was a free full day festival that provided autumn-inspired food (30+ vendors), children’s activities (KidZone), live music, costume contests for pets and families, arts & crafts (150+vendors) within the historic downtown Franklin’s charm on Main Street.

WZTV aired several public service announcements that informed student age children, teens, youth, and young adults about Homework Hotline, Youth Vaping Prevention, Pass it On (Foundation for a Better Life), Hunger Prevention, High School Equivalency, DARE to STEM, Girls in STEM, Child Gun Safety, Child Car Safety, Fatherhood, and Foster Care, Distracting Driving, and Texting Driving Prevention.