

WZTV
CHILDREN'S PROGRAMMING
FIRST QUARTER 2018

- I. FULL-LENGTH CHILDREN'S (CORE PROGRAMMING)
EDUCATIONAL AND INFORMATIONAL PROGRAMMING
 - PROGRAM TITLES
 - PROGRAM LENGTHS
 - PROGRAM DESCRIPTIONS

- II. COMMERCIAL LIMITATIONS (UNDER SEPARATE COVER)

CHILDREN'S CORE PROGRAMMING

WZTV

FIRST QUARTER 2018

XPLORATION EARTH 2050 - TARGETS AGES 13-16 YEARS **AIRED: SATURDAYS @ 7:00AM-- A HALF HOUR PROGRAM**

This program strives to answer questions about where advancements in science, technology, engineering, and mathematics may lead us in the future. Scientists, inventors, doctors, science fiction writers, and creative thinkers add their input about what the world may look like in 2050. Viewers are taken on an educational adventure as the program tackles future challenges in everything from transportation to health care to the environment.

XPLORATION NATURE KNOWS BEST – TARGETS AGES 13-16 **AIRED: SATURDAYS @ 7:30AM-- A HALF HOUR PROGRAM**

In this program, children learn about biomimicry and see how engineers imitate nature in the design of innovative products. They learn how the Manta Ray has inspired inventions related to ocean navigation as well as military applications; and how snakes have been copied to design robots that can rescue those trapped in small spaces. This program features the incredible world of animals and plants, and the inventions inspired by them.

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.

TEEN KIDS NEWS – TARGETS AGES 13-16 **AIRED: SATURDAYS @ 11:00AM-- 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 WEIRD BUT TRUE - TARGETS AGES 13-16 YEARS

AIRED: SUNDAYS @ 7:00AM-- A HALF HOUR PROGRAM

This program explores topics like ancient Greece, tornadoes and ostriches by uncovering fun, strange and surprising facts. An episode example includes making paper ships together and learning the history of pirates. Children are encouraged to be curious and learn about science, history and culture through creativity and the scientific method.

XPLORATION DIY SCI - TARGETS AGES 13-16 YEARS

AIRED: SUNDAYS @ 7:30AM-- 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.



STEVE ROTFELD PRODUCTIONS

MEMORANDUM

TO: PROGRAM DIRECTORS

FROM: FERN ROTFELD / CAROL BROOKS / BRUCE GENTER / MATT JAY

DATE: JUNE, 2017

RE: FCC OBJECTIVE LETTER – “**XPLORATION EARTH 2050**”

Xploration Earth 2050 – This series is also a part of a 3-hour block of STEM based E/I programs titled... **XPLORATION STATION**

What will the world look like in 2050? Where will advancements in science, technology, engineering, and mathematics lead us? **Xploration Earth 2050** strives to answer these questions and more with scientists, inventors, doctors, science fiction writers, and creative thinkers. This half hour weekly series, produced primarily for the 13-16 year old target audience will appeal to the whole family. Viewers will be taken on an educational adventure as the show tackles future challenges in everything from transportation to health care to the environment.

Xploration Earth 2050 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.

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 and E/I inscribed 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

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

www.rotfeldproductions.com

SRP STEVE ROTFELD PRODUCTIONS

MEMORANDUM

TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD / CAROL BROOKS / MATT JAY / BRUCE GENTER
DATE: JUNE, 2017
RE: FCC OBJECTIVE LETTER – “XPLORATION NATURE KNOWS BEST”

Xploration Nature Knows Best – 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 Nature Knows Best** will inspire and educate audiences of all ages. Host and marine biologist, Danni Washington, exudes energy as she relates how technology all around us was inspired by nature and how modern innovators are continuing with this practice. We will whirl around in airplanes inspired by birds, and in helicopters influenced by the dragonfly, and even jump from a few such vehicles to illustrate how wingsuits were invented based on the flying squirrel! But engineers aren't the only scientists looking toward nature. We will also meet with biologists studying the behavior patterns of ants; architects who design “living buildings”; and roboticists who are making their designs bigger, stronger, and faster based on animals. This series will help kids to understand how getting outside and taking a look around can help them make the next great discovery!

Xploration Nature Knows Best 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.

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 and E/I inscribed 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

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

www.rotfeldproductions.com

SRP STEVE ROTFELD PRODUCTIONS

TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD / CAROL BROOKS / BRUCE GENTER / MATT JAY
DATE: JUNE, 2017
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 every day 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' 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 and E/I inscribed 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

MEMO TO: PROGRAM DIRECTORS

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

MEMORANDUM

TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD / CAROL BROOKS / BRUCE GENTER / MATT JAY
DATE: JUNE, 2017
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’ 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 and E/I inscribed 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

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

TO: PROGRAM DIRECTORS
FROM: FERN ROTFELD / CAROL BROOKS / MATT JAY / BRUCE GENTER
DATE: JUNE, 2017
RE: FCC OBJECTIVE LETTER - **XPLORATION Weird But True**

XPLORATION Weird But True – 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 Weird But True** will inspire and educate audiences of all ages. This series, produced in partnership with National Geographic Kids, is hosted by the brother-sister team of Charlie and Kirby Engleman. Charlie is an Ecologist and Kirby is an Artist, and they are both National Geographic Junior Explorers. Together, they share a common curiosity to explore and understand the science behind the world and its wildlife.

In this series, Charlie and Kirby explore a new topic each week to uncover the “Weird But True” science at play all around us. With a mix of graphics and handmade art, this E/I series is fun, playful and educational. For instance, in the first episode, our hosts are curious to learn about asteroids – and so they set off to explore the biggest meteor crater in the US and meet a real-life meteorite hunter. They also try their hand at tracking down space rocks. Along the way, they discover that meteor crash sites can turn into quicksand! On **XPLORATION Weird But True**, Charlie and Kirby inspire teens to question the HOW and WHY behind the way our world works, and encourage them to discover answers to their most curious questions.

XPLORATION Weird But True 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 teens and viewers of all ages learn to question the world around them.

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 and E/I inscribed 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

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

MEMORANDUM

TO: PROGRAM DIRECTORS

FROM: FERN ROTFELD / CAROL BROOKS / MATT JAY / BRUCE GENTER

DATE: JUNE, 2017

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's 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 and E/I inscribed 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

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

www.rotfeldproductions.com

“XPLORATION EARTH 2050”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

A child born in 2000 will most likely see people living on the moon and maybe even Mars. Host Chuck Pell visits training facilities for these future colonies. He talks to people living on the side in a habitat designed to simulate life on Mars---that’s built on the side of a Hawaii volcano. And did you know that by 2050, astronauts will be using 3D printers to build homes on other planets?

Week of January 1, 2018 (Episode #118)

DNA---we all have it, and it’s being used for a lot more than solving crimes. Could we get DNA from dinosaurs? Host Chuck Pell visits a lab where they’ve discovered fossilized proteins that are coming awfully close. DNA is even being used to help people find the perfect mate. And do you want to know everything about your dog? Well, DNA has the answer.

Week of January 8, 2018 (Episode #119)

We tend think of robots as boxy, hard, and a little awkward. Well, those days are over. Host Chuck Pell discovers the new world of soft robotics, where robots are so human-like they can actually feel things. 3D printers are being used to make robots with remarkable similarities to our bodies. And jellyfish---a very soft animal---are serving as models for artificial hearts.

Week of January 15, 2018 (Episode #120)

The STEM initiative, which is designed to promote Science, Technology, Engineering and Math to the nation’s schoolchildren, is getting a big boost from both the private---and public---sectors. Host Chuck Pell visits an event, sponsored by the Navy League, which puts thousands of future inventors in touch with adult professionals happy to provide their expertise. And we travel to Texas to watch grade-schoolers compete in a nation-wide contest building robots submarines.



STEVE ROTFELD PRODUCTIONS

“XPLORATION EARTH 2050”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of January 22, 2018 (Episode #121)

New technology is capable of things not thought possible a generation ago. Host Chuck Pell has a conversation in real-time with a hologram of a holocaust survivor. Thanks to new tech these survivors will be able to personally relate their experiences---forever. And we visit a futuristic deep-freeze, where people have their bodies cryogenically frozen in the hope that they will one day emerge healthy and happy.

Week of January 29, 2018 (Episode #122)

Future tech is changing the basics of human existence, including our five senses. Host Chuck Pell experiences a future robotic hand that will transform our sense of touch. He sees the biggest ‘ear’ on planet Earth. And talks to a scientist who smells a great future for products that can make our noses work better then ever.

Week of February 5, 2018 (Episode #123)

Sustainability is a word you’re going to hear a lot more of on the road to 2050. Why waste when you can turn that waste into useable, environmentally friendly products? Host Chuck Pell meets inventors who are literally creating shoes out of thin air. Yes, they’re taking carbon dioxide out of the atmosphere and creating sneakers with it. And who would have thought that landfills would be a great source of diesel fuel?

Week of February 12, 2018 (Episode #124)

Artificial Intelligence, or ‘AI’, is all the rage among futurists. Is it good, bad, something to be worried about, or something to be embraced? Host Chuck Pell talks to leaders in the field of AI. They discuss Deep Blue, the IBM computer that beat the best chess player in the world, and show how games are key to creating working AI. Did you know the best poker player on the planet is a computer?



STEVE ROTFELD PRODUCTIONS

“XPLORATION EARTH 2050”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of February 19, 2018 (Episode #125)

Weather---it's Mother Nature's way to remind us how beautiful---and fickle---she can be. Host Chuck Pell visits a local TV station to see how supercomputers are used to predict future weather events. We see drones that fly right into tornadoes. And we're introduced to three college students who've created a worldwide community by using weather technology to predict the perfect sunset.

Week of February 26, 2018 (Episode #126)

High tech is revolutionizing the way art is being created. Is Artificial Intelligence intelligent enough to make art? Host Chuck Pell find out when sees works of art produced solely by computers. And he learns how 'Creative Re-use' takes what was once garbage and turns it into raw material for all sorts of artistic activities.

Week of March 5, 2018 (Episode #127)

Plastic is one of mankind's most revolutionary inventions. It's everywhere---in your home, in your car, in your clothes. It's also fouling your environment. Host Chuck Pell visits the world of plastic recycling---where used plastic is converted into lumber, clothing, works of art, car parts and even homes. On the way to 2050, plastic garbage is the raw material of the future.

Week of March 12, 2018 (Episode #128)

A child born in 2000 will most likely see people living on the moon and maybe even Mars. Host Chuck Pell visits training facilities for these future colonies. He talks to people living on the side in a habitat designed to simulate life on Mars---that's built on the side of a Hawaii volcano. And did you know that by 2050, astronauts will be using 3D printers to build homes on other planets?

Week of March 19, 2018 (Episode #129)

DNA---we all have it, and it's being used for a lot more than solving crimes. Could we get DNA from dinosaurs? Host Chuck Pell visits a lab where they've discovered fossilized proteins that are coming awfully close. DNA is even being used to help people find the perfect mate. And do you want to know everything about your dog? Well, DNA has the answer.

“XPLORATION NATURE KNOWS BEST”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

Host Danni Washington presents the amazing world of Bio-Hybrid science, where sea slugs become robots, spinach plants prevent explosions and jellyfish could help prevent heart failure.

Week of January 1, 2018 (Episode #118)

Our oceans are almost as vast and unexplored as the far reaches of our solar system. Join host Danni Washington as she meets an inventor using squids to create a new kind of camera. She gets up close to a tiny shrimp that’s helping scientists develop bullet-proof armor. And she sees a suction cup—inspired by an octopus---that’s taking to the skies, on drones.

Week of January 8, 2018 (Episode #119)

Whether it’s under the ocean, in the jungle, or up in the air, our animal friends can have a remarkable way of presenting themselves to the world. Host Danni Washington straps on bionic boots inspired by the ostrich. She sees clothing of the future that could last nearly forever, all thanks to the humble squid. And coral is providing a unique way for us to keep plastic waste from entering our oceans.

Week of January 15, 2018 (Episode #120)

Host Danni Washington presents the latest robots, inspired by nature. In this new age of robotics, machines slither like snakes, robots with wings fly like birds and squishy mechanical creatures inch along like worms.

Week of January 22, 2018 (Episode #121)

When it comes to biomimicry, the Animal Kingdom isn’t the only place to look for inspiration! In this episode, host Danni Washington uncovers some of the different ways plants and fungi are inspiring new inventions and technologies – like a pair of baby shoes made from mushrooms... solar panels inspired by the sunflower... and a “splash pad” that’s modeled after moss.



“XPLORATION NATURE KNOWS BEST”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of January 29, 2018 (Episode #122)

The millions of species on Earth have spent billions of years learning to survive vast changes in climate. Host Danni Washington follows scientists and inventors as they turn to Nature to help us cope with a warming world. Did you know robotic mussels are on the front lines of monitoring our oceans? Or that palm trees are models for future wind turbines?

Week of February 5, 2018 (Episode #123)

Host Danni Washington explores the latest advances in medicine, all inspired by nature. She discovers a glue made from synthesized mussel adhesive, a prototype for an artificial heart that is part spinach leaf and a new form of cardiogram based on an ivy plant

Week of February 12, 2018 (Episode #124)

Host Danni Washington visits NASA to learn how biomimicry is being used for space exploration. Through virtual reality she visits the International Space Station, learns how a Mars Rover has been inspired by the inchworm, and discovers that NASA is reducing sound in aircrafts by producing materials that copy sea sponges

Week of February 19, 2018 (Episode #125)

Whether you're on a team, or just having a little fun, sports play a part in most of our lives. In this episode, host Danni Washington discovers how Mother Nature is revamping some of our favorite activities. She straps on roller skates with reinvented wheels that are inspired by how snakes and fish move. She crushes a 20-minute workout that mimics the physiology of little kids. And she sees how a basic component in plants is helping divers see more clearly underwater.

Week of February 26, 2018 (Episode #126)

Host Danni Washington goes whale watching and discovers the ways whales have inspired new inventions that help us ride bicycles and surfboards better and faster.



STEVE ROTFELD PRODUCTIONS

“XPLORATION NATURE KNOWS BEST”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of March 5, 2018 (Episode #127)

With a little inspiration from Mother Nature, scientists are finding exciting new ways to grow and store food. Just host Danni Washington as she discovers how microscopic bacteria can create organic fertilizer. She heads out to sea to explore “3-D” ocean farming. And a “cool” solution to refrigeration is inspired by ants, elephants and kangaroos.

Week of March 12, 2018 (Episode #128)

Host Danni Washington presents the amazing world of Bio-Hybrid science, where sea slugs become robots, spinach plants prevent explosions and jellyfish could help prevent heart failure.

Week of March 19, 2018 (Episode #129)

Our oceans are almost as vast and unexplored as the far reaches of our solar system. Join host Danni Washington as she meets an inventor using squids to create a new kind of camera. She gets up close to a tiny shrimp that’s helping scientists develop bullet-proof armor. And she sees a suction cup—inspired by an octopus---that’s taking to the skies, on drones.



STEVE ROTFELD PRODUCTIONS

“XPLORATION OUTER SPACE”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

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.

Week of January 1, 2018 (Episode #118)

When Neil Armstrong became the first human to set foot on the moon, it put an emphatic end to the space race between the United States and the Soviet Union. Host Emily Calandrelli looks at the accomplishments of Armstrong and Buzz Aldrin, the two astronauts who first landed on the moon.

Week of January 8, 2018 (Episode #119)

Is Mercury the hottest planet in our solar system? No, it’s not. There’s a lot of misinformation about our solar system. Host Emily Calandrelli speaks to two experts who debunk many of the myths about outer space.

Week of January 15, 2018 (Episode #120)

There have been a few occasions when spacecraft have been lost in space. Host Emily Calandrelli looks at several of these adventures. In some cases, the spacecraft that were lost, were remarkable found again.

Week of January 22, 2018 (Episode #121)

Canada has made significant contributions to the space effort, despite having a much smaller budget than NASA. Host Emily Calandrelli visits the Canadian Space Center in Quebec, and examines their exceptional expertise in robotics, which includes the famous Canadarm.

Week of January 29, 2018 (Episode #122)

Host Emily Calandrelli looks at NASA’s next mission to send a spacecraft that will “touch” the sun. She also witnesses a total solar eclipse, and visits a man who races homing pigeons, a bird that uses the sun to navigate its way home from hundreds of miles away.



STEVE ROTFELD PRODUCTIONS
“XPLORATION OUTER SPACE”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of February 5, 2018 (Episode #123)

A look at the first African-American woman in space and the first spacecraft to reach interstellar space. Host Emily Calandrelli interviews several pioneers of space and discovers the determination and courage required to become the “first.”

Week of February 12, 2018 (Episode #124)

Many private companies are working with NASA to make space exploration more efficient. Host Emily Calandrelli visits the Sierra Nevada Corporation, which is building a spacecraft that can deliver cargo to and from the International Space Station.

Week of February 19, 2018 (Episode #125)

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.

Week of February 26, 2018 (Episode #126)

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.

Week of March 5, 2018 (Episode #127)

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.

Week of March 12, 2018 (Episode #128)

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.

Week of March 19, 2018 (Episode #129)

When Neil Armstrong became the first human to set foot on the moon, it put an emphatic end to the space race between the United States and the Soviet Union. Host Emily Calandrelli looks at the accomplishments of Armstrong and Buzz Aldrin, the two astronauts who first landed on the moon.



STEVE ROTFELD PRODUCTIONS

“XPLORATION AWESOME PLANET”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

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.

Week of January 1, 2018 (Episode #118)

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.

Week of January 8, 2018 (Episode #119)

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.

Week of January 15, 2018 (Episode #120)

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.



STEVE ROTFELD PRODUCTIONS

“XPLORATION AWESOME PLANET”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of January 22, 2018 (Episode #121)

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 farm to unearth how sustainable farming practices can positively impact inner city gardens.

Week of January 29, 2018 (Episode #122)

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.

Week of February 5, 2018 (Episode #123)

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.

Week of February 12, 2018 (Episode #124)

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.



STEVE ROTFELD PRODUCTIONS

“XPLORATION AWESOME PLANET”

SEASON IV - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of February 19, 2018 (Episode #125)

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.

Week of February 26, 2018 (Episode #126)

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.

Week of March 5, 2018 (Episode #127)

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.

Week of March 12, 2018 (Episode #128)

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.

Week of March 19, 2018 (Episode #129)

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.

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

“XPLORATION WEIRD BUT TRUE”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

Kirby’s garden can go everything... except fruits! She’s missing pollinators, so Charlie launches them on a mission to learn all about bees.

Week of January 1, 2018 (Episode #118)

Charlie and Kirby learn where paper comes from and how recycling can help save trees by visiting a paper mill and recycling plant, and they learn some weird but true facts along the way.

Week of January 8, 2018 (Episode #119)

Charlie and Kirby are on a mission to build the perfect paper airplane. So they meet up with a professional pilot to learn all about planes on a flight in a historic biplane!

Week of January 15, 2018 (Episode #120)

Vroom! Charlie and Kirby have a big soapbox derby race coming up, so they head to a racetrack for a crash course on racecars!

Week of January 22, 2018 (Episode #121)

Charlie and Kirby want to launch their own podcast, but they can’t figure out how to manage all of the noises in HQ! So, they’re off to the quietest room in the world to learn how to harness sound.

Week of January 29, 2018 (Episode #122)

The science fair is coming up and Charlie and Kirby are determined to make a classic presentation worthy of first place, so they’re off to Hawaii to uncover the secrets of volcanoes!

Week of February 5, 2018 (Episode #123)

Trees come in all shapes and sizes. To unravel just how weird trees can be, Charlie and Kirby are off to climb giant sequoias that can grow to be over 250 feet tall!

Week of February 12, 2018 (Episode #124)

Charlie and Kirby have been left in charge of Patrick’s Coral Reef aquarium, but they have no idea how to take care of it. So they’re off to meet a National Geographic explorer who can help!

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

www.rotfeldproductions.com



“XPLORATION WEIRD BUT TRUE”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of February 19, 2018 (Episode #125)

Plants might seem boring, but they can be super weird! Charlie and Kirby explore carnivore's plants that eat bugs and encounter some giant sea kelp that can grow up to two feet per day!

Week of February 26, 2018 (Episode #126)

Kirby's garden can go everything... except fruits! She's missing pollinators, so Charlie launches them on a mission to learn all about bees.

Week of March 5, 2018 (Episode #127)

Charlie and Kirby are heading to Virginia to explore the Weird But True world of CAVES! With the help of a local scientist, our hosts will try their hand at spelunking and rappelling to get a closer look at what lies beneath the Earth's surface

Week of March 12, 2018 (Episode #128)

Charlie and Kirby are off to California to meet some of the most innovative minds on the planet... action sports athletes! These pros have to train like athletes, but think like engineers – and Charlie and Kirby want to see if they've got what it takes to design and execute their own tricks.

Week of March 19, 2018 (Episode #129)

In this special “Who-Done-It” episode, a heist has been committed at HQ and Charlie and Kirby are on the case! With a little help from some Forensic Scientists, they'll take a look at how clues like fingerprints and footprints can help solve crimes.



STEVE ROTFELD PRODUCTIONS

“XPLORATION DIY SCI”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of December 25, 2017 (Episode #117)

Steve Spangler hosts the DIY SCI Contest for the most exciting demonstration of “Newton’s Third Law” – for every action there’s an equal and opposite reaction. The winner performs a supersized version of the experiment with Steve on this special edition of the show

Week of January 1, 2018 (Episode #118)

You can create the world’s most amazing bubbles. Or a Mystery Can that seems to move on its own. Host Steve Spangler shows you toys you can make at home, all based on science.

Week of January 8, 2018 (Episode #119)

Find out how to create a fire... with lemons! Discover how to survive touching 50,000 volts of electricity. Host Steve Spangler has experiments you can do at home, all based on the science of electricity.

Week of January 15, 2018 (Episode #120)

Steve Spangler reveals the secrets of color, with amazing experiments you can do at home. He’ll show you how to create clouds of color with do-it-yourself rainbow powders. Plus, what ink manufacturers don’t want you to know about how they create colors.

Week of January 22, 2018 (Episode #121)

Here are amazing projects – based on science – that you can build yourself, all with things you can buy at a hardware store. Host Steve Spangler shows how to create your own t-shirt launcher. Plus, discover the substance that makes jelly slide off bread and paint slide off a human body.

Week of January 29, 2018 (Episode #122)

Fill a glass with water and make the water disappear! How to do it? Well, the secret is inside a product that’s on the shelves of your local supermarket. Host Steve Spangler roams the supermarket for things you can use to create your own science magic.

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

“XPLORATION DIY SCI”

SEASON II - 2017/2018

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 25, 2017 through week of March 19, 2018

Week of February 5, 2018 (Episode #123)

Host Steve Spangler shows how every day can be a spooky day with scary tricks and magic effects all based on science. Stage your own zombie party, complete with eerie, smoking beverages; supernatural bubbles and fake blood.

Week of February 12, 2018 (Episode #124)

Steve Spangler reveals the secrets to science tricks and stunts that will amaze your friends. They're all some of his favorite experiments – like explosive bubbles you can hold in your hand and freezing water with your mind!

Week of February 19, 2018 (Episode #125)

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.

Week of February 26, 2018 (Episode #126)

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!

Week of March 5, 2018 (Episode #127)

Host Steve Spangler shows you science you can eat! Discover new ways to create colorful, sweet dessert toppings, slimy spaghetti and even ice cream.

Week of March 12, 2018 (Episode #128)

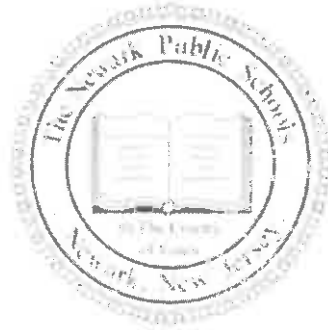
What's the secret to lying on a bed of nails? How can you magically restore broken glass? Host Steve Spangler shows you amazing magic tricks all based on science

Week of March 19, 2018 (Episode #129)

You can create the world's most amazing bubbles. Or a Mystery Can that seems to move on its own. Host Steve Spangler shows you toys you can make at home, all based on science.



STEVE ROTFELD PRODUCTIONS



South Street Elementary School
151 South Street, Newark, NJ 07114
(973) 465-4880

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.

SRP STEVE ROTFELD PRODUCTIONS

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

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

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

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

www.rotfeldproductions.com

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 Bullit 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



STEVE ROTFELD PRODUCTIONS



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.

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

www.rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS

Xploration Awesome Planet – This program is hosted by Phillippe 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

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

www.rotfeldproductions.com

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



Harris Social Media

Helping businesses thrive
through social media

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

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 13-16 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

DATE: 1/07/18

EPIISODE: 1518

SYNOPSIS: The Siemens Competition in math, science and technology; learning to play a musical instrument; how to make fruit pops.

DATE: 1/14/18

EPIISODE: 1519

SYNOPSIS: Advice for students on taking tests; hospitals turn to yoga to help their patients; time management; healthy pasta recipe.

DATE: 1/20/18

EPIISODE: 1520

SYNOPSIS: The band BTS; anger management; how caffeine can be bad for teens; Art Smart report; baseball fact; the endeavors of NASA.

DATE: 1/27/18

EPIISODE:

SYNOPSIS: Teenage reporters relay relative information for younger audiences

DATE: 2/04/18

EPIISODE:

SYNOPSIS: Advice on writing an essay for a college application; an amazing opera house in Paris; first aid tips; the benefits of bananas; the latest technology at the CES; cars at the Detroit Auto Show.

DATE: 2/11/18

EPIISODE:

SYNOPSIS: The science of weather; why some people are afraid of clowns; video game addiction; ideas for doing community service; a recipe for stuffed mushrooms.

DATE: 3/04/18

EPIISODE: 1526

SYNOPSIS: Dealing with phobias; White House Kids report; choosing college majors; tips from the American Red Cross for dealing with heat cramps; a brain scan lets doctors see chronic pain; soccer player Brandi Chastain.

DATE: 3/04/18

EPIISODE: 1524

SYNOPSIS: The impact that playing sports may have on people with ADHD; drinking enough water; first aid kits; healthier way to watch TV; hummingbirds; the band Forever in Your Mind; making a balloon sculpture.

DATE: 3/04/18

EPIISODE: 1525

SYNOPSIS: Considering a return on investment when choosing a college; Flag Facts; White House Kids; the dangers of speeding; Pablo Picasso; cars on display at the Chicago Auto Show



Saturdays @ 11:00AM

DATE: 3/10/18

EPISODE:

SYNOPSIS: Drug and alcohol abuse among young adults; Vincent van Gogh paintings; presidential quiz; Drive Safe DC contest; taking action against bullying; using yoga to deal with stress.

DATE: 3/17/148

EPISODE:

SYNOPSIS: An increase in soccer injuries; makeup tips; visiting colleges; Picasso's art; a fruit pizza.

DATE: 3/24/18

EPISODE:

SYNOPSIS: Teenage singing sensation Merideth Grace Puckett; advice on how to get ahead in school; how a parrot was used to increase self-esteem; making pea pesto pasta.

DATE: 3/31/18

EPISODE:

SYNOPSIS: The Drive Safe PSA contest; global warming; White House Kids report; Andy Warhol's paintings; Viva la France report; makeup tips; healthy snack foods.



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 non-core 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.

WEBSITE CERTIFICATION

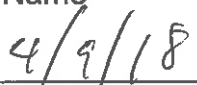
I hereby certify that for the quarter ending March 31, 2018 television broadcast station **WZTV** has complied with the FCC's Website Rule relating to children's programming.



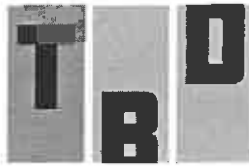
Signature



Print Name



Date



Subchannel 17.2

AMERICA'S HEARTLAND - TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 7:00AM—A HALF HOUR PROGRAM

TV-G Missing is closed-captioned

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.

DOG TALES - TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 7:30M—A HALF HOUR PROGRAM

TV-G Missing is closed-captioned

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.

ANIMAL RESCUE - TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 8:00AM—A HALF HOUR PROGRAM

TV-G Missing is closed-captioned

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.

THE REAL WINNING EDGE - TARGETS AGES 13-16 YEARS

AIRED: SUNDAYS @ 7:00AM AND 7:30AM —A HALF HOUR PROGRAM

TV-G Missing is closed-captioned

This program features young people who have been chosen to be profiled because of their adoption of pro-social values and principles. The particular youth featured is interviewed by a celebrity in the same talent field. This program shows the viewer that honesty, loyalty, hard work, self-discipline and balancing school work with social activities and friends, and developing a sense of purpose in his/her life, all combine to help the viewer stand against influences which could hurt him/her or others.



Subchannel 17.2

THINK BIG- TARGETS AGES 13-16 YEARS

AIRED: SUNDAYS @ 8:00AM—A HALF HOUR PROGRAM

TV-G. Think Big is closed-captioned

Think Big is a kid-hosted entertaining series for young people that follows the world's most innovative kids as they create and invent new toys, games, learning tools, websites, and modes of transportation. The program features top kid inventors who face off against one another in an Invent-Off to see who can come up with the most innovative and creative invention. In each episode, two teams brainstorm, choose materials, and sketch and design their idea. Once completed, the inventions are then judged. This program allows kids to showcase their skills in creativity, science, innovation, marketing and teamwork.

MISSING - TARGETS AGES 13-16 YEARS

AIRED: SUNDAYS @ 8:30AM—A HALF HOUR PROGRAM

TV-G Missing is closed-captioned

This program features actual cases of missing individuals across the country. Assisted by local state and federal law enforcement agencies, as well as the National Center for Missing and Exploited Children, the program interviews friends, family, and investigators involved with the cases. The program emphasizes taking responsibility for personal safety and promotes situational awareness. Each episode showcases safety tips, a safety quiz, and an instructional message from the National Center for Missing and Exploited Children.



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 cursive script, appearing to read "Brian A. Peña".

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College



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 on line 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 dark ink, appearing to read 'Frank Lavac', written over a light-colored background.

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

411 Main Street

Yorubaland, MA 02754-1218

USA

Tel: 908 784 2121

Fax: 508 744 7119

Australia

Belgium

Canada

China

France

Germany

India

Japan

Kenya

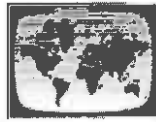
Mexico

Netherlands

Poland

South Africa

United Kingdom



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,

A handwritten signature in cursive script that reads "Alex Paen".

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 black ink, appearing to read 'Frank Lavac', written in a cursive style.

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 FUND FOR ANIMAL WELFARE
111 Main Street
Yarmouth, Port MA 02670-1944
U.S.A.
Tel: 508-744-2500
Fax: 508-744-2399

REGIONS:

Australia
Belgium
Canada
China
East Africa
Europe
Germany
Mexico
North Africa
Russia
South Africa
United Kingdom

A handwritten signature in black ink, which reads "Jennifer Ferguson-Mitchell". The signature is written in a cursive, flowing style.

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 an 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 that reads "Paul Rosenthal".

Paul Rosenthal
Associate Professor
Communication Studies, UCLA



TELCO PRODUCTIONS, INC.


Dear Station,

The Real Winning Edge is a weekly half-hour television series that meets the educational and informational objectives of the FCC's Children's Programming requirements for children ages 13-16. The program highlights adolescents and young adults making the right choices when faced with tough decisions and significant challenges. Recognizing that 13 to 16-year-olds are likely to be influenced by celebrities, the series features role models from the professional sports and the entertainment industries. Each episode is engaging, entertaining and educational in structure, presenting a powerful and positive message.

The Real Winning Edge TV is closed-captioned for the hearing impaired and displays the "E/I" icon throughout the broadcast.

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.



UNIVERSITY of LOUISVILLE

dare to be great

March 2, 2010

DEPARTMENT OF TEACHING
AND LEARNING

College of Education
and Human Development
University of Louisville
Louisville, Kentucky 40202

Office: 502-853-8091
Fax: 502-853-8113

To: Whom It May Concern

From: Dr. William S. Bush, Professor, University of Louisville

Re: Educational/Informational Rating for *The Real Winning Edge* Series

I have reviewed several episodes of *The Real Winning Edge* series produced by Challenger Films, Inc. in Atlanta. It clearly fulfills the U. S. Department of Education Standards ruling on standards for children.

I have been an advisor to this project to help America's youth who are bombarded with media material that inspires the worst behavior rather than the best. I have been a professor at the University of Houston-Victoria and the University of Kentucky, and I am now a professor in the College of Education and Human Development at the University of Louisville. I am also the father of two daughters, 12 and 16 years old. I highly recommend this series to broadcasters as a great motivational program to help the youth of today make wise choices.

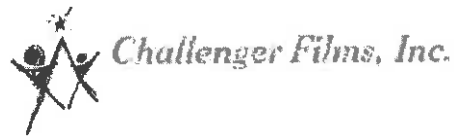
Educational research indicates that, from preadolescence to teen years, youth are most influenced by their peers. Their role model preferences switch from parents to the sports and entertainment icons during these critical growth years. If the peers and icons promote antisocial standards and nonconformity to guiding principles honored in our society, youth soon adopt behaviors that not only hurt others, but hurt themselves.

Learning by observing others is the basic way humans learn to make behavior judgments. (Source: *Moral Development and Behavior*, Holt, Rinehart & Winston; Thomas Liekona (ed.), p. 285). *The Winning Edge* Series seeks to expose youth to other youth who have consistently made the behavior choices that have helped them have a greater sense of internal significance and acceptance, which results in a more self-directed personality. They are more able to negotiate the "challenges" inherent in life.

The youth profiled in the series are chosen for their adoptions of pro-social values and principles that have become the ethos of their behavior. Thus the characteristics demonstrated by the stories of these youth give rise to adherence to these sound choices that have given them the "real winning edge" to life, such as the following:

1. Discovering where their talents lie and their pursuit of developing that "gift;
2. Developing an appreciation for honesty as a fundamental part of social responsibility to others. (Youth interviews demonstrate a real sense of compassion and concern for other people no matter what the person's station in life might be.);
3. Developing a sense of self discipline by learning to balance school work with social activities and friends and developing their sense of mission and purpose in life; and
4. Developing a sense of internal acceptance that allows them to stand against activities (such as substance abuse, violence, promiscuous sex, etc.) that can hurt themselves as well as others.

The Real Winning Edge promotes the values through these very engaging positive youth role models, who are introduced by celebrities in the same talent field as the youth. The celebrities reinforce the values by calling attention to these youths' qualities as they are exhibited in the program. In my professional opinion, *The Real Winning Edge* promotes will best influence the 13-16 year old age group as educational programming.



January, 2011

Dear Station,

The Real Winning Edge series is developed to be an educational/informational (E/I) program for the 13-16 year age group. It is designed to help youth make “winning choices” in their lives in order to grow to be productive citizens. This series is based on role models who are making pro-social life choices. Emphasis on being honest, loyal, hard working toward productive goals, and treating others as they would like to be treated, are values emphasized by the positive role models in ***The Real Winning Edge***.

Education research indicates that, from preadolescence through the teenage years, youth are most influenced by their peers. Their role model preferences switch from parents to the sports and entertainment icons during these years for most. If the peers and the icons promote antisocial standards and nonconformity to guiding principles honored in our society, youth soon adopt behaviors that not only hurt others but hurt themselves.

The Real Winning Edge will go a long way in helping youth to develop character, being the best they can be by seeing their peers and the celebrities whom they admire, who themselves have the character to make winning choices.

Dr. Diane Preston-Reilly, Ed.D.
Challenger Films, Inc

Challenger Films, Inc.
3235 Satellite Blvd. Bldg. 400, Ste. 300
Duluth, GA 30096



TELCO PRODUCTIONS, INC.

Dear Station,

Pursuant to the Children's Television Act of 1990, "THINK BIG" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "THINK BIG" serves the educational and informational needs of children 13 to 16 years of age with its program content, including the importance of having a working knowledge of math, science and physics. The series shows children actively solving problems using scientific principles, combining skill and creativity. The series also demonstrates real-world applications for math, science and engineering, proving that that the physical sciences can be useful, challenging and fun. Each episode presents an "invent-off" challenge, where teenage teams must invent a machine designed to perform a specific task in limited amount of time, promoting creative thinking and practical skills.

"THINK BIG" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). "THINK BIG" 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,

A handwritten signature in cursive script that reads "Alex Paen".

Alex Paen
President, Telco Productions, Inc.

2730 Wilshire Blvd., Suite 200, Santa Monica, CA 90403-4747 USA
Telephone 310.828.4003 Fax 310.828.3340
E-mail info@telcoproductions.com



Box 951594
UCLA
Los Angeles, CA 90095-1594
Voice: 310-825-9655
Fax: 310-206-2239
Email: jalali@ucla.edu
Web: www.photonics.ucla.edu

Dear Alex,

Having reviewed the series, "THINK BIG" I believe that it serves the educational and informational needs of children 13 to 16 years of age with its program content, including the importance of having a working knowledge of science, technology, engineering and math (STEM). The series shows children actively solving problems using scientific principles, combining skill and creativity. The series also demonstrates real-world applications for math, science and engineering, proving that that the physical sciences can be useful, challenging and fun.

Each episode presents an "invent-off" challenge, where teenage teams must invent a machine designed to perform a specific task in limited amount of time, promoting creative thinking and practical skills. For example, in one episode teams are challenged to produce a machine for sweeping dust off the floor. They are given the same materials to work with, with each team taking their own novel approach to solving the problem, demonstrating their skills in design, physics and electronics. Using teamwork and ingenuity, both teams succeed in producing a working machine, but only one team wins, based on superior performance.

Sincerely,

A handwritten signature in black ink that reads "Bahram Jalali".

Bahram Jalali
Northrop Grumman Endowed Chair in Optoelectronics, Professor
Electrical Engineering Department, Biomedical Engineering Program
California NanoSystems Institute
Department of Surgery, David Geffen School of Medicine at UCLA
UCLA Eli and Edit Broad Center for Regenerative Medicine and Stem Cells



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

Dear Alex,

I have reviewed the program "THINK BIG" and I find that it meets the educational and informational needs of children 13 to 16 years of age with its program content, especially stressing the importance of science, mathematics and physics. The series also allows the participants to demonstrate real-world applications for math, science and engineering, in a manner that is both rewarding and enjoyable.

In each episode, the focus is on an "invent-off" challenge, where teams complete a project to design a machine to perform a task under a time constraint. This allows the kid to express their creativity, critical thinking and mechanical abilities. For example, in episode No. 114, teams compete to design a bicycle with enhanced safety features. Each team is given the same materials to work with, and apply their own unique process and problem-solving abilities. Combining their talents, each is able to complete the challenge; the winning team is decided based on objective results. Programs such as "THINK BIG" are a valuable way to promote the sciences to today's youths.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brian A. Peña".

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College

MISSING

September, 2011

Dear Station,

"Missing" will satisfy the FCC Children's Programming requirement and can be classified as either core or non-core programming. "Missing" serves the educational and informational needs of children 13 to 16 years of age with its program content, including safety tips and real life stories using various resources to help find missing people. The show is also a public service to communities across the United States and is endorsed by the National Center for Missing and Exploited Children.

Episode synopses are available on-line at our website (www.telcoproductions.com) to facilitate your FCC filing. Also available are testimonials from educators who have reviewed the program.

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

Sincerely,

Alex Paen
President, Telco Productions, Inc.



COMMUNICATIONS STUDIES CENTER
MC EBBETT HALL
505 HILLGATE AVENUE
LOS ANGELES, CALIFORNIA 90095-1709

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

Re: "Missing "

Dear Alex:

I have viewed your new program "Missing" and I am happy to provide my opinion as to its educational and informational value.

I think this program is an exceptionally important series in the public interest. It performs an invaluable public service by identifying young persons who are missing and alerting the public to this fact. I always marvel at the power of television when I read of long-lost persons who have been found because someone saw a program like this one. Obviously, the wider the circulation, the better the potential for such an outcome.

I also think the series carries an important message for young people in regard to being aware of their surroundings and cautious when dealing with strangers. The tips about how to act in dangerous or potentially dangerous circumstances are also important lessons, both to children and adults. As I said, I believe programming of this kind makes an invaluable contribution to the public interest and, in my view, should be an essential component in any broadcaster's lineup.

Sincerely yours,

A handwritten signature in cursive script that reads "Paul Rosenthal".

Paul Rosenthal
Associate Professor
Communication Studies, UCLA

Culver City High School

4401 Elenda Street

Culver City, California 90230

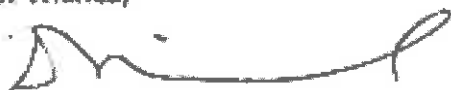
(310) 842-2000

Dear Alex,

I am happy to provide you with my evaluation of your television program, **"Missing."** In my view, **"Missing"** indeed "serves the educational and informational needs of children under 16 years of age."

As a high school teacher and consultant with a graduate degree, I know that children can't learn subject matter if they are fearful for their own safety. **"Missing"** educates the under-16 viewer as to what potential dangers may arise, and how, specifically, these dangers can be successfully dealt with (i.e. your "safety tips"). In addition to helping find missing persons, **"Missing,"** meets and exceeds the informational and educational needs of children under 16 (not to mention their parents). Any television station which cares about serving the public interest should be proud to present such a series.

Best Wishes,



Ms. Lisa Michel, M.S.
Culver City High School
Culver City, CA 90230

FROM THE OFFICE OF

Linda Paddor, M.A.

Education Specialist
Los Angeles, CA

Dear Mr. Paen,

As per your request, I have studied the TV program "*Missing*," in order to provide you with my assessment, from the perspective of a professional educator and children's consultant, as to whether this program serves the educational and informational needs of children under 16 years of age.

It is my assessment that "*Missing*" meets those needs and more. The first responsibility of educators and parents towards their children is their personal safety. Sadly, we live in a world which seems to grow less safe with time. The program, "*Missing*," without overstating any dangers, educates children of all ages as well as their parents as to what possible dangers exist to their safety, and illustrates specific ways of dealing with them, via the show's safety tips. As such, it will give children a sense that they have the power and means to protect themselves when away from watchful eyes. "*Missing*," in my opinion, is an excellent TV program, which meets the informational and educational needs of children under 16, as well as their parents, and would be a great asset to any television station, as well as providing a much needed public service.

Well done.



Ms. Linda Paddor, M.A.
Los Angeles, CA



Subchannel 17.3

GET WILD AT THE SAN DIEGO ZOO

TARGETS AGES 13-16 YEARS

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

This program is based at the world famous San Diego Zoo and features notable animal experts teaching children the living habits and unique behaviors of wild animals. Episode examples include: learning how experts studying adult orangutans learn how they raise their young; and explains the Panda's living patterns.

WILD WORLD AT THE SAN DIEGO ZOO

TARGETS AGES 13-16 YEARS

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

This program is based at the world famous San Diego Zoo and focuses on showing how zoo enrichment programs help animals initiate natural behavior. This program teaches children about animal behavior and the importance of providing an enriching environment for animals in our care.

THE WILDLIFE DOCS

TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 9:00AM AND 9:30AM - 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.

THE BRADY BARR EXPERIENCE

TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 10:00AM - A HALF HOUR PROGRAM

This action-packed series documents the work of Herpetologist Dr. Brady Barr, who has traveled the globe and worked with hundreds of scientists to study some of the world's most dangerous and endangered amphibious predators – alligators and crocodiles. Dr. Brady's life work has been to protect these powerful animals. By increasing the viewer's knowledge and understanding, Barr hopes to save both human and reptile lives.

EXPEDITION WILD

TARGETS AGES 13-16 YEARS

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

Wildlife expert Casey Anderson showcases his charismatic animal companions on an innovative and action-packed odyssey through North America's wild places. Through this program, viewers will have a rare glimpse into the beauty and complexity of the natural world. Viewers will follow Casey on a series of adventures, such as paddling the Grand Canyon, skiing with wolverines in British Columbia, observing mountain lions in Montana, staking out the scavengers of Yellowstone, investigating a raven's nest, observing polar bears on Alaska's northern slope, and climbing rugged extremes in pursuit of Maine's black bears. These adventures will bring the viewer a rare experience with endangered species - some deadly, others dashing, in the stunning natural ecosystem they call home.



FOOD FOR THOUGHT

TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 11:00AM - A HALF HOUR PROGRAM

The program's young host, Claire Thomas, shows viewers how everyday life can inspire culinary creations. In each episode, Claire shows how food can be used as a tool to explore new places, meet new people and learn about new cultures. The inspiration for the food prepared on the program can come from family, friends, or people asking for her expertise. No matter how exotic or familiar the location, Claire is always in search of new tastes. While teaching the viewer how to prepare the particular inspired dish, she also promotes a healthy attitude towards food and life.

CULTURE CLICK

TARGETS AGES 13-16 YEARS

AIRED: SATURDAYS @ 11:00AM - A HALF HOUR PROGRAM

This program explores connections in history which affect pop culture and our lives today. Using a unique flowchart style, the program draws surprising connections between such subjects such as what do Justin Bieber and Cleopatra have in common, or what connection did John Wilkes Booth have to Abraham Lincoln, or what do cavemen have to do with pancakes. Through these comparisons, the program introduces the viewer to American history, Greek mythology, and architecture, as well as fashion and pop culture, and inspires the viewer to learn more about the subjects.



Dear Station,

Pursuant to the Children's Television Act of 1990, "GET WILD AT THE SAN DIEGO ZOO" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "GET WILD AT THE SAN DIEGO ZOO" serves the educational and informational needs of children 13 to 16 years of age with its program content, including the importance of understanding animals and their habitats. The series is based at the world famous San Diego Zoo, and features notable animal experts.

"GET WILD AT THE SAN DIEGO ZOO" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). "GET WILD AT THE SAN DIEGO ZOO" 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,

A handwritten signature in cursive script that reads "Alex Paen".

Alex Paen
President, Telco Productions, Inc.



August 9, 2016

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

Dear Alex,

After reviewing episodes of the program "GET WILD 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 examines various animals at the zoo and how they are looked after by staff. The shows open up the world of rare and exotic species to teen viewers and explains how each animal greatly differs from other critters when it comes to living habits and care. For example, one episode explores the differences between striped hyenas and lemurs. Another episode focuses on endangered species and what is being done to insure the survival of each creature.

Episodes also offer explanations of the behavior of each animal while providing information on the animal's daily nutrition and other living habits.

I believe "GET WILD at the San Diego Zoo" is educational and informative and gives teen viewers insights into the world of wild and exotic creatures.

Sincerely,

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

MEG:gs



Dear Station,

Pursuant to the Children's Television Act of 1990, "WILD WORLD AT THE SAN DIEGO ZOO" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "WILD WORLD AT THE SAN DIEGO ZOO" serves the educational and informational needs of children 13 to 16 years of age with its program content. The series provides an in-depth look at the behavior and life cycles of various rare and exotic animals.

"WILD WORLD AT THE SAN DIEGO ZOO" 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 WORLD AT THE SAN DIEGO ZOO" 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.



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 WORLD" 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 opens up the world of wild animals to teenage viewers with up-close visits of these critters, while providing important information by experts from the San Diego Zoo. Episodes include looking at the life of different exotic animals, such as Armadillos, Klipspringers and Takins. Teenage viewers learn about the living habits of these various critters and why some may be on their way to extinction.

Viewers also examine the unique care the zoo staff provides for these various wild animals, while learning about the daily work routines of keepers looking after such a wide variety of critters. Each episode is a separate collection of wild animals, exploring interesting and vital facts of such species as Blue-tongued Skinks, Tawny Frogmouths and Kawai Forest birds.

"WILD WORLD" is educational, informative and entertaining, while providing unique up-close televised visits of wild and exotic creatures and teaching viewers all about life in the animal kingdom.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brian A. Peña".

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College



The Wildlife Docs

The half-hour weekly series, *The Wildlife Docs*, produced for ages 13-16 follows the surprising, exotic, and challenging lives of a veterinary staff that cares for over 2,000 animals. From nutrition to treatments, x-rays to surgery, preventative care to emergencies, this educational and information program will allow viewers to witness a kaleidoscope of wild experiences through the eyes of our Veterinary Team. Unpredictable events unfold giving viewers a glimpse of the enormity, variety, and quality of treatment that sets the standard for animal care.

Series Description: The Wildlife Docs

LITTON

Review: The Wildlife Docs

Episodes: #201 "A Cast of Characters"; #202 "Baby and the Beast"

Reviewer: Elizabeth Deichler, BS Middle Grades Education, NC State University; teacher

August 19, 2016


To whom it may concern,

I enjoyed previewing these two episodes of The Wildlife Docs and am glad that I watched alongside a middle school student as these shows are both engaging (for any age) and educational. The use of animal species from a variety of continents fascinates young people while teaching them scientific concepts and broadening their horizons for future occupations.

Episode 201, "A Cast of Characters," follows two animal cases: an injured wallaby and the routine examination of a spotted hyena. Episode 202, "Baby and the Beast," showcases an injured juvenile red-shouldered hawk and an aging wildebeest. This episode is intentional about letting viewers know to call someone trained to work with animals if they encounter wildlife that may need help. The rehabilitation of the hawk was shown as rewarding for the family who discovered it in need.

In addition to teaching about conservation and rehabilitation, comparative anatomy is discussed during the diagnostic and treatment processes of each animal featured. Also, viewers are introduced to unique medical technology and the vocabulary used regarding classification of the animals or relating to their unique habitat are displayed in print at the bottom of the screen for emphasis. This educator applauds the creators of The Wildlife Docs.

Sincerely yours,



Elizabeth C. Deichler



SERIES DESCRIPTION

THE BRADY BARR EXPERIENCE

The Brady Barr Experience is a weekly half-hour series that is designed to inform and educate viewers 13-16 years of age. In this action-packed series viewers will go behind the scenes with Dr. Brady Barr for a captivating ride through the world of wildlife and animal conservation. As a seasoned herpetologist, Dr. Brady Barr has traveled to five continents, worked with hundreds of scientists and has gotten up close and personal with some of the most misunderstood animals on the planet. Brady Barr has made it his life's work to study and protect some of the world's most dangerous and endangered land animals and in this series, he will share his knowledge and passion for the earth's wildlife with the audience.

Program: The Brady Barr Experience

Episodes Reviewed: Episode #101 – “Bears, Oh My!” and Episode #102 – “Backyard Bandits”

Program Length: 30 minutes

To whom it may concern,

I recently had the opportunity to review two episodes of *The Brady Barr Experience*. I have been in science education for almost 8 years now, teaching students ranging from middle school to senior level undergraduate biology students, writing curriculum for middle school students, and researching student learning. With this experience in mind, I could easily see myself showing these episodes to my students as it both engaging and educational.

Both episodes begin with a nice “hook” to grab student’s attention and then follow with an educational program that allows students to learn about animals and their role in the environment and impact on human populations. As someone who has studied biology for over 15 years, I found the content of these programs to be scientifically sound and very entertaining to watch. From an educator perspective, this program provides an interesting take on ecological issues, and provides a lot of scientific content that is appropriate for students in middle and high school.

With respect to the episode on Bears (Episode 101), Brady Barr highlights the important of human impact on the environment and ecosystem. He thoroughly describes the impact of human interaction on the bear populations and what is being done to address these issues. These ideals are also reflected in Episode 102, which focuses on backyard bandits (e.g. raccoons). Understanding how humans and animals can co-exist peacefully is a major ecological concern. This program addresses this in a manner that is simple and easy for students to understand, yet provides them with the opportunity to think critically on the subject. As an educator, our focus is typically on teaching content and hitting standards—programming of this nature would be amazing to connect students to the world around them instead of focusing on memorizing basic science content and information.

Sincerely,



Maurina Aranda

Ph.D. Candidate
Biology Education
Purdue University



Culture Click Series Description:

Culture Click is a weekly half-hour series that explores the genesis of – and reasons behind- cultural events that permeate our everyday lives. Developed and produced for viewers aged 13-16, host Nzinga Blake opens each episode from her virtual reality set with a list of what’s trending on search engines that week. These topics will serve as a jumping-off point for a deep dive into the culture viewers 13-16 will embrace.

Each week Nzinga will analyze and answer the questions that shape our society – using the power and speed of the internet and user-generated questions and content. Experts in pop culture will join her to add insight and historical perspective. And most importantly, viewers will come away with a week’s worth of “aha” moments to share with their friends and family. Six degrees of separation takes on a whole new meaning, and there’s no limit to what viewers will learn when they experience *Culture Click*.



CHARLESTON COLLEGIATE SCHOOL

A LEARNING COMMUNITY WHERE EVERYBODY MATTERS

Program: Culture Click
Episodes Reviewed: Episode 101(Smile)
Program Length: 30 Min

I recently had the privilege of reviewing an episode of Culture Click with Nzinga Blake, and I thoroughly enjoyed the refreshing format of the show. The host offers a wide variety of information on things that we encounter in our everyday lives, and helps her audience to better understand the origins of vocabulary words, and colloquialisms that we use in life. In Episode 101 (Smile) Blake amazes us as she takes something as simple as a smile and expands the topic into an investigation of the world in which we live. Her humor and upbeat energy help to hold our attention*as viewers, a tremendously useful tool in holding the attention of children ages 13-16. Blake also uses intelligent connections to modern society in order to give viewers a more personal understanding of content being discussed. A clear example of this can be seen in Blake's description of the world's oldest clock, which she ties back to modern culture by holding up a comparison to the most expensive lightweight watch on the market today

The content that Blake so clearly delivers is not only appropriate for students ages 13-16, but this content is essential to the job that we do as educators on a daily basis, as the program brings to life the information that can be so tiresome in the text book. The vocabulary strengthening benefits of the show alone make it a huge success, as it helps children boost their linguistic abilities, and do so in a fun format.

Finally, this program models the intellectual curiosity that we hope to see in our children as they develop into responsible adults. Setting a positive example for viewers in regard to how to observe, study, and learn from the world in which we live, while doing so in an exciting and engaging manner, Culture Click plays an important role in teaching our children how to approach the world around them inquisitively. I only wish we had more programming of this quality, as the best learning often occurs when the learner doesn't even realize that it is happening.

Sincerely,

Hacker Burr
Associate Head of School
Charleston Collegiate School
hburr@charlestoncollegiate.org

EXPEDITION WILD

Expedition Wild

Produced for ages 13-16, this educational and informational program is hosted by wildlife expert Casey Anderson and showcases his charismatic animal companions on an innovative and action-packed odyssey through North America's wild places — revealing a rare glimpse into the beauty and complexity of the natural world. Viewers will follow Casey on a series of breathtakingly wild adventures: he'll paddle the Grand Canyon, ski with Wolverines in British Columbia, observe Mountain Lions in Montana, stake out the scavengers of Yellowstone, investigate a raven's nest, observe Polar Bears on Alaska's northern slope, and climb to rugged extremes in pursuit of Northern Maine's Black Bears — bringing audiences a rare and personal experience with endangered species, some deadly, others dashing, in the stunning natural ecosystems that they call home

Series Description: Born to Explore

LITTON

TUSSEY MOUNTAIN SCHOOL DISTRICT



MRS. JANEL HENDERSON, SR. HIGH PRINCIPAL

MR. MATTHEW MCCAHAN, JR. HIGH PRINCIPAL

Review: "Expedition Wild" episodes 101 "Mountain Lion Cubs" and 105 "Yellowstone Winter"

Reviewer: Nathan S. Thompson, MEd. Over 11 years of experience as a public school teacher, grades 7-12. 2015 Pennsylvania Journalism Teacher of the Year, Pennsylvania Scholastic Press Association executive board member.

May 31, 2017

To Whom It May Concern:

As an educator who has taught children ages 12-18 for the past 11 years, "Expedition Wild" is exactly the kind of program I'd love to show my students. For starters, this series will certainly capture the attention of the students, and no learning can occur without that attention. Casey Anderson goes out of his way to capture nature at its rawest. However, "Expedition Wild" is more than just a nature show that students will enjoy, it is filled with lessons on everything from ecology to basic respect.

During "Yellowstone Winter," Anderson dove into the Yellowstone ecosystem and explained it vividly enough for any teenager to be able to understand. In "Mountain Lion Cubs," Anderson provides an amazingly in-depth look at the social structure and habits of the mountain lion while keeping the audience on the edge of its seat to find out the fate of three little cubs. As "Yellowstone Winter" progresses, I learned how climate change is affecting a native beetle in such a way that the grizzly bear may lose its most common winter food source, and I learned that the last thing I ever want to do is stumble upon a rattlesnake den.

What I enjoyed most about the videos was the way Anderson demonstrated respect for wildlife no matter how close of a brush he had with Mother Nature. Even in the rural district in which I teach, where the largest job base involves the local lake, students still need reminders of the importance of preserving the natural world. Throughout the episodes, Anderson acknowledged how powerful and dangerous were the creatures he pursued. When he found himself face to face with an unexpected rattlesnake, he took it in stride, continuing to emanate this respect.

It would be an honor to have such a resource for my students. The students would clearly enjoy these thrilling videos while gaining a wealth of knowledge on a plethora of subjects.

Sincerely,

Nathan S. Thompson, MEd.

199 Front Street · Saxton, PA 16418-8510 | Phone: 814.635.3970 | Fax: 814.635.3928 | www.tmsd.net

An Equal Opportunity Employer



Food for Thought Series Description:

Young, enthusiastic and passionate about food, Claire Thomas is the 22 year old host who opens viewers' eyes to how everyday life can inspire culinary creations in *Food for Thought*. Each weekly-half hour, produced for ages 13-16, informs and educates teens about the power of food as a tool for exploring new places, meeting new people and learning about different cultures.

Claire serves as a role model for 13-16 year old viewers by showing her passion for her family, life, and healthy living by sharing stories in the kitchen. Creative inspiration can come from any place at any time – sometimes from family, sometimes from friends, or even from bloggers needing her help.

No matter how exotic or local the location, she's always in search of new tastes and places to explore. Based on her unique perspective gathered throughout each episode, Claire will teach the audience how to prepare the "inspired" dish while promoting a healthy attitude towards food and life.



Review: Food for Thought with Claire Thomas
Episode: 102 "Moving Out" and 103 "The Perfect Burger"
Reviewer: Carly David, college instructor, teacher, administrator for over 25 years in both the public and private sector

October 5, 2011

To Whom It May Concern:

"Food for Thought with Claire Thomas" is one cooking show that actually seems targeted for a teen audience. It definitely has educational value as Claire takes the audience through the overall cooking process with step-by-step instruction. Claire shops, prepares her workspace, and actually cooks meals that are teen-friendly. She also includes her friends and family in the learning process, which to me is something I haven't seen before in a cooking show.

I found the cooking of the "Aussi pasta" in the "Moving Out" episode a good choice as dish looked teen-friendly!

Claire and the text on screen provides great information for the beginning cook including basic information about veggies with details on how they are grown and how to look for the best buy. Claire talks about what are the bare essentials needed in a beginner kitchen and finally, she "walks" the viewer through the preparation of an actual recipe that is healthy, looks good, and is relatively easy to prepare.

The theme music is good and the people on the program are identifiable. Claire would seem to connect with the teen audience as she is very conversational when talking to the TV camera and she is quite relaxed and very natural. It was refreshing to see a young adult looking to engage with the teen-age crowd.

Sincerely,

Carly David