

CHILDREN'S TELEVISION PROGRAMMING COMMERCIAL CERTIFICATION

KING TV ("Station") certifies that all 12-and-under children's TV programs carried during this quarter on its primary and multicast streams were formatted so that, as a matter of standard policy and practice, the programs would not exceed the "commercial matter" time limits of 73.670(a) of the FCC's rules: Weekdays: 12 minutes in any clock-hour children's programming (6 minutes in a stand-alone half-hour program); Weekends: 10.5 minutes in any clock-hour children's programming (5.25 minutes in a stand-alone half-hour program). Programming promos, with certain exceptions, count as commercial matter.

Program Title

List all network and non-network 12-and-under children's programs carried on primary and multicast channels.

There were no 12-and-under children's programs carried on the KING 5.1 primary channel, KING 5.2 (Justice Network) or KING 5.3 (Quest) for the quarter ending June 30, 2018.

1. Network-provided commercial limit certifications are attached in Appendix A.
2. Station certifies that there were no time periods during the quarter in which the "commercial matter" time limits stated above were exceeded during 12-and-under children's programming.

<u>X</u>	_____
Yes	No

If no, provide details of each such instance in Appendix B.

3. Station certifies that, during the quarter, it has complied with the commercial requirements of Sections 73.670(b), (c) and (d) of the FCC's rules regarding the display of Internet website addresses during 12-and-under children's programming.

<u>X</u>	_____
Yes	No

If no, provide details in Appendix C.

I hereby state, under penalty of perjury, that the foregoing is true, correct and complete to the best of my knowledge, information and belief.



July 2, 2018
Date

Michael Loranger, KING and KONG Programming Manager

Attached commercial certification or confirmation provided by network and program suppliers.

2nd QUARTER 2018
EDUCATIONAL OBJECTIVES and SHOW SUMMARIES
[AGE TARGET 13-16]
April 1, 2018 – June 30, 2018

In the 2nd Quarter of 2018, NBC continued airing The More You Know Educational/Informational programming block, designed for older adolescent children, ages 13-16. Each of the six shows has a hosted format, featuring non-fiction, informative programming that extends NBC's iconic The More You Know brand to Saturday mornings. The audience views inspiring stories about the environment, social change, health and wellness, and community engagement.

THE VOYAGER WITH JOSH GARCIA

The Voyager with Josh Garcia is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. The Voyager with Josh Garcia takes viewers on an exciting and immersive journey around the globe with world traveler and host, Josh Garcia. Each episode gives audiences access to the world's most incredible destinations as Josh seeks out the truly authentic experiences one can only find when shown by a knowledgeable and passionate guide. In each episode, Josh learns how to prepare an authentic, regional meal, visits a local artisan to learn about their trade and craft, and samples the culture while learning about the heritage of the region's population, showing viewers what is so unique about each city he visits. The Voyager with Josh Garcia brings viewers on an enthralling adventure to explore the people and cultures that make our world so breathtaking.

WILDERNESS VET

Wilderness Vet is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Wilderness Vet follows veterinarian Dr. Michelle Oakley, and features compelling stories from one of the most rugged areas on the planet, the Yukon. Dr. Oakley travels to homes, farms, and wildlife preserves across the Yukon to help animals in need, while balancing life at her home clinic. Providing a glimpse into a fascinating career choice, Wilderness Vet will show viewers the hard work and dedication involved in the rescue and rehabilitation of animals, while imparting tips to help keep all furry friends healthy.

JOURNEY WITH DYLAN DREYER

Journey with Dylan Dreyer is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Journey with Dylan Dreyer is a wondrous celebration of nature. Hosted by meteorologist Dylan Dreyer, this series features breathtaking cinematography that will bring viewers up-close and personal with creatures big and small, from the black bears of Montana to polar bears in the Arctic. Audiences will have a unique platform to see animals living in their natural habitat, and will learn about the circle of life along the way. Journey with Dylan Dreyer also explores natural wonders of the world, including the migration of 1.5 million animals traveling over 500 miles across the Serengeti in Tanzania and Kenya. Viewers will uncover these amazing facts of nature, and learn why it's so important to protect Earth's natural resources and all its inhabitants.

NATURALLY, DANNY SEO

Naturally, Danny Seo is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Naturally, Danny Seo is a series about seeking a healthier lifestyle by learning the science behind eating well, exercising your mind and body, and caring for our planet. Host Danny Seo is a leading authority on eco-friendly living, and has devoted his career to the idea that caring for the environment can go hand-in-hand with enjoying time with family and friends, sharing delicious and healthy meals, while creating an environmentally friendly home. In each episode of Naturally, Danny Seo, viewers will be introduced to inspiring ideas from fun and healthy recipes, to easy and sustainable crafts. Viewers will learn how to embrace a natural lifestyle, easily and beautifully, along with quick tips on green living.

“CORE PROGRAMMING”

**PROGRAMMING FURNISHED BY THE NBC NETWORK THAT IS SPECIFICALLY DESIGNED TO
SERVE THE EDUCATIONAL AND INFORMATIONAL NEEDS OF CHILDREN 16 AND UNDER
[AGE TARGET 13-16]**

April 1, 2018 – June 30, 2018

Airdate: 4/7/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

SOUNDS OF LISBON [VJG219]

Host Josh Garcia spends the day ashore in Lisbon, Portugal, discovering the food, culture, and music of this Portuguese hot spot. First, at a traditional artisan workshop, Josh learns the ancient art of handcrafting Lisbon’s iconic, decorative tiles. He sees firsthand how these tiles, locally known as *azulejo*, are made using techniques dating back to the 18th century. *Azulejo* comes from an arabic word meaning “polished stone.” Next, he gets a master class in making vegetable tempura, the world-famous dish that originated in Portugal. Tempura means battering ingredients in a batter made of flour, water, herbs, and cornstarch, before frying in oil. Later, Josh is introduced to Fado music and learns about the unique instrument behind its haunting melodies. The Portuguese guitar has twelve strings, giving the sound a different tone. The body of the guitar is made by molding thin strips of wood to bend the uniquely pear shape of the Portuguese guitar.

[Educational Message: Music can serve as a universal language, and can be an expression of emotion that everyone can understand regardless of their spoken language.]

Airdate: 4/7/2018

Time:

Duration: 30:00

WILDERNESS VET

QUALITY TIME [WDV219]

Being the only wildlife vet for hundreds of miles means always being on the road, and for Dr. Oakley, that much time away from home can be difficult. So, in order to see her family, she often likes to recruit them to help out with her appointments. First up, Dr. Oakley, along with her

daughters Maya and Willow, are on the way to a local ranch to see a horse in need of a neutering. This horse is being retired from breeding, so Dr. Oakley will need to anesthetize the horse and perform a castration procedure. Next, Dr. Oakley is visiting a farm with a pregnant cow that cannot give birth. Dr. Oakley will have to give the cow an internal exam to check on the unborn calf and ensure there are no complications. Next, Dr. Oakley receives a surprise visit from her daughters and their family dog, Daisy May. Daisy May is having eye issues and will need a thorough exam to confirm whether or not she suffers from glaucoma. Dr. Oakley uses this moment to teach her daughters more about the tools used to test for glaucoma, such as a tonometer. Next, Dr. Oakley is visited by an ailing puppy that may have ingested a toxic caterpillar. After a quick exam, Dr. Oakley confirms the puppy is suffering from a case of parasitic worms and will be prescribed a de-wormer to recover. Finally, Dr. Oakley and her family take a camping trip to a very remote location in Alaska where they'll spend some quality time together as a family.

[Educational Message: Bonding with family and spending quality time together is important in life. When we have each other, we have everything we need.]

Airdate: 4/7/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

THE JUNGLES OF GERMANY [JDD215]

Join host Dylan Dreyer on a breathtaking tour of Europe's most surprising waterway: The Wupper River. We'll explore the river's dark and untamed regions, meet countless creatures living along its banks, and reveal a collection of diverse habitats that rivals the mighty Amazon. We'll follow the river's history from medieval times to present day and discover the many ways wildlife has adapted and thrived through the centuries. First, we'll learn how the Wupper River was contaminated and polluted by factories during the Industrial Revolution over a century ago, and how future community involvement and investment helped restore the river to its current thriving state. We'll discover more about the various species of birds, amphibians, reptiles, and mammals that call the Wupper River home. Here we'll visit a breeding ground for Kingfisher birds and we'll learn more about the courting process for the males and females. Next, we'll follow a family of wild boars foraging for food and we'll learn how human interference and distribution has made the wild boar one of the widest-ranging mammals on Earth. Next, we'll learn about the variety of mushroom species thriving on the banks of the Wupper River and witness their unique growth patterns and abilities to spread spores. Then, we'll visit with a group of red foxes where we'll learn more about their hunting habits and social behaviors. Finally, we'll meet a litter of red fox cubs and witness how their mother provides and cares for them in the wild.

[Educational Message: Our society can have a big impact on the nature and wildlife that surrounds us. We must all do our part to reduce pollution and protect our Earth.]

Airdate: 4/7/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

SWEET CREAMS [NDS219]

Host Danny Seo travels to Houston, Texas to learn how to make uniquely flavored homemade frozen custard, which contains at least 1.4% pasteurized egg yolk solids, creating a thicker consistency than ice cream. Next, Danny shares how to upcycle old sponges by turning them into ice packs using a zip-lock bag, water and rubbing alcohol. Rubbing alcohol prevents the water from freezing completely; while water freezes at 32 degrees, rubbing alcohol freezes around -128 degrees. Then, Danny uses Brussels sprouts, cauliflower and radicchio to cook meals that are meat-free alternatives to popular dishes, like General Tso's chicken—which is named for the 19th century Hunanese General Tso Tsung-t'ang. Radicchio is Italian chicory with a sharp, bitter flavor which mellows and sweetens after grilling. Then, Danny creates coffee ground soap using glycerin, which is an organic compound that, when liquefied, is clear and odorless. He also uses coffee grounds to create a body scrub with coconut oil, which is naturally antibacterial and antifungal. Lastly, Danny explains which font types are the most ink efficient—printing 25 pages a week using Times New Roman instead of Arial could save nearly \$20 each year.

[Educational Message: Growing your own ingredients or using local ingredients to make fresh food is a great way to practice sustainability. Using uncommon ingredients to create unique flavors that resonate with you can be a way to express yourself and show creativity. Many household ingredients have multiple purposes.]

Airdate: 4/14/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

BAY OF DREAMS [VJG220]

Host Josh Garcia cruises into Kotor, Montenegro, one of the most beautiful bays in the world. Josh spends his day exploring the medieval city. First, he meets a local chef who shows him the ancient method for preparing *sac*, a flavorful specialty native to the country. A *sac* is a large metal lid in the shape of a shallow bell, and the dish of its same name means “the meal prepared under the bell,” and consists of a roasted meat stewed with potatoes, root vegetables, and herbs. Then, inspired by the city's limestone landscape, Josh travels to the countryside to learn more about this ubiquitous natural treasure. Limestone terraces are built without any mortar or concrete, but instead by stacking limestone slabs in a tight arrangement. Limestone is a sedimentary rock commonly used in ancient architecture, including the Great Pyramid of Giza. Finally, Josh teams up with some of the country's top-ranked water polo athletes and makes a big splash learning Montenegro's national sport.

[Educational Message: When traveling an ancient, historic city, walking the historic streets and footpaths can be a great way to walk through history, experience a city like a local, and be physically active while away from home.]

Airdate: 4/14/2018

Time:

Duration: 30:00

WILDERNESS VET

COLD CASES [WDV220]

Living in the Yukon means living amongst beautiful landscapes, amazing wildlife, and some of the harshest weather conditions in the world. Luckily, Dr. Oakley doesn't mind bundling up and heading out into the cold to help any animal that needs her. First up, Dr. Oakley and her daughter Willow are heading out to Moose Mountain to catch wild boar. Wild boars are an invasive species and can be quite destructive to the environment. The team has identified a male wild boar that they will need to capture and castrate. Next, Dr. Oakley is joining a research project by working with a team that is tracking wild populations of wolverines in Alberta, Canada. After successfully trapping a female wolverine, Dr. Oakley will have to sedate the animal in order to attach the GPS tracking collar and collect a blood sample. Here we'll learn more about the fierce wolverine species as the team works carefully to successfully complete the procedure.

[Educational Message: In life, the ability to work with others as a team to problem-solve is crucial. More often we can accomplish great things together than when working alone.]

Airdate: 4/14/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

THE MIGHTY PACIFIC OCEAN [JDD216]

Join host Dylan Dreyer on an epic journey through the greatest ocean on Earth. We'll dive deep into the Pacific to reveal the amazing animals, habitats, and secrets that swim beneath the waves. We'll discover how the Pacific Ocean powers the climates of the world and affects every living thing on Earth. We'll meet fearsome sharks, massive whales, playful sea lions, ghostly Manta Rays, and an endless collection of species like you've never seen before. First up, we'll meet a pod of gray whales and follow their migration route to the Baja Peninsula where they will give birth to the next generation of whales. Next, we'll come face-to-face with Great White sharks, which can grow as big as 20 feet long and weigh as much as 7,000 pounds. Next, we'll follow a group of California sea lions and learn how they can eat between 5-8% of their entire body weight in a single day. We'll also learn how sea lions are related to bears, weasels, and raccoons. Next, we'll discover more about sardines, which are rich in vital minerals and nutrients like vitamin B, phosphorus, and calcium. We'll also learn how the need for food rations during both World Wars, and decades without fishing regulations, took its toll on the sardine population and nearly wiped them out completely. Finally, we'll follow a group of Giant Manta Rays, which have been soaring through the oceans for roughly 20 million years. We'll also learn how these Manta Rays have the largest brain of any fish in the ocean.

[Educational Message: The waters of the Pacific Ocean touch every creature in every ocean, and sustain life on land. We must do our part to keep our oceans clean and free of pollution, plastics, and waste.]

Airdate: 4/14/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

PASTA FACTORY [NDS220]

Host Danny Seo travels to Detroit to learn how Kamut pasta is made. Kamut is a whole grain, and farmers in Turkey call the grain "Camel's Tooth" because of its shape. To make pasta, the Kamut is ground into flour, mixed with dehydrated vegetables and water, squeezed through an extruder to get its shape, and then dried. Next, Danny creates a healthy alternative to risotto using sunflower seeds. By soaking sunflower seeds overnight in water, they develop a texture similar to risotto. Risotto is traditionally prepared with short-grain Arborio rice, and sunflower seeds are one of nature's highest sources of vitamin E. Then, Emily Shuman joins Danny and shows how a reusable bag, which has a lifespan equal to that of more than 700 disposable plastic bags, can be transformed into a personalized tote by using paint and a stencil. Around 105 AD, the Chinese were the first to develop a paper-based stencil. Lastly, Danny teaches how to personalize wooden objects through the technique of wood burning. Firewriting, or "pyrography," is the art of burning a pattern on a wood surface.

[Educational Message: Kamut pasta is a great source of protein and fiber without additives. Ingredients, such as sunflower seeds, that are more commonly used for a snack or seasoning can also be used to replace carbohydrates, such as pasta, in a hearty meal. Painting a reusable bag is a way to express personal style while also preventing waste. Wood burning is a creative way to turn something plain into something unique and personal while also practicing an ancient technique.]

Airdate: 4/21/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

TROPICAL DELIGHTS [VJG221]

Host Josh Garcia rereads some of his favorite journal entries from his exciting voyages through the Caribbean Sea. In Havana, Cuba, Josh steps ashore and learns a celebrated dance style born in this famous city. Cuban Salsa, or Rueda de Casino, became popular in Miami in the late 1980s. Josh learns the basics of Cuban Salsa and starts to feel the rhythm in his feet with practice and the help of some new friends. In this style of dance, the dance takes you full circle as you trade partners to make your way around a circle of other dancers. In Belize, he experiences the thrill of a lifetime, swimming with sharks in one of the longest barrier reefs on earth. The Hol Chan Marine Reserve was established in 1987, and is a protected area for nurse sharks and other wildlife. Nurse sharks have teeth set farther back, so they eat with a sucking motion. In Ocho Rios, Jamaica, Josh visits a restaurant famous for its jerk chicken and discovers the signature spicy flavors that make this specialty a world-wide favorite. Jerk chicken is seasoned with a mixture of dry seasonings instead of being marinated in juices and oil. In Jamaica, it is roasted on logs of allspice wood for added flavor. It takes approximately an hour and a half to roast jerk chicken.

[Educational Message: When you are traveling to a new place, or even a place you have been before, take time to stay present in the current moment and take in the sights, sounds, and

facéd capuchin is the main species that lives on this island, and is believed to be one of the most intelligent monkeys in the world. Finally, he meets the Embera people, an indigenous tribe, currently living in the Chagres National Park located 25 miles from Panama City. Josh tours their structures and learns about their traditional lifestyle in the remote regions of Panama's rainforest. The Embera tribe has lived in this exact location for over fifty-five years, and in Panama for about five hundred years.

[Educational Message: The Panama Canal is an engineering marvel, built on the narrowest part of Central America, allowing for a direct line of travel from the Atlantic to Pacific Ocean. Visiting remote locations to learn about a simpler way of life can help you gain a new appreciation for modern conveniences we often take for granted.]

Airdate: 4/28/2018

Time:

Duration: 30:00

WILDERNESS VET

ALWAYS ON CALL [WDV222]

As a wildlife vet, being prepared for anything is all part of the job. First up, Dr. Oakley receives an urgent call regarding a pregnant sheep showing poor signs of health. Due to the pregnant sheep's large size, Dr. Oakley fears pregnancy toxemia is the likely cause. Overweight sheep are most at risk because there is little room for the stomach to expand and take in nourishment. Dr. Oakley performs a glucose test and a physical exam to rule out pregnancy toxemia. Next, Dr. Oakley travels to Haines, Alaska to perform vaccinations on local canines. During this visit, Dr. Oakley treats a pet Sphynx cat that has a fish hook lodged in its paw. Next, Dr. Oakley heads to a house call to check on a goat with a suspicious lump on its face. Here we'll learn how goats were one of the first animals to be domesticated over 9,000 years ago. After a thorough examination, Dr. Oakley identifies the lump as an abscess, so she drains and flushes the growth and provides antibiotics to help the wound heal. Finally, Dr. Oakley is having a home clinic day to check up on many of the local dogs and cats in her area. Today, Dr. Oakley's daughter Sierra is assisting her mother with the checkups, which is a great opportunity for her to learn valuable veterinary skills.

[Educational Message: Never give up when the odds are against you. With determination and hard work, we can do anything we put our minds to.]

Airdate: 4/28/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

FIRE ANTS [JDD218]

Join host Dylan Dreyer on an exploration of the fearless and fearsome fire ant. We'll discover the amazing ways these tireless creatures have survived over the eons and witness their incredible ability to overcome nearly every challenge that comes their way. We'll also meet the scientists hoping to unlock their secrets and come face-to-face with a tiny world like you've never seen before. First up, we'll learn that of the twenty-two species of fire ants, the most feared and reviled of them all is the red imported fire ant. We'll discover how the fire ant is native to the floodplains and savannas of South America, but that sometime in the mid-1930s, the ant hitched a ride on a cargo ship to North America where it quickly spread. Next we'll learn how fire ant

good health and bountiful fish harvests. Next, we'll witness an incredible and dangerous treasure hunt that takes place high up the park's limestone rocks and deep within a cave. The treasure the locals are seeking is the edible Swiftlet nest. In China, these nests are a delicious delicacy and fetch a high market price. Here we learn how the Swiftlet birds construct these intricate nests from their own saliva. Finally, we'll follow our team of biologists deep in a watery cave as they attempt to capture and study an unfamiliar bat species. Here we'll learn more about how bats use echolocation to navigate the pitch-black darkness.

[Educational Message: Due to the hard work of conservationists and biologists, the amazing wildlife of Khao Sok National Park has a fighting chance for survival, and now the fragile and ancient beauty of Thailand can thrive. We must protect and treat our own environment with the same respect and hard work to ensure it thrives for generations to come.]

Airdate: 4/21/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

GREEN SEED VEGAN [NDS221]

Host Danny Seo travels to Houston to visit a 100% vegetarian restaurant and learns how to put a vegetarian twist on a popular meat dish by making chicken fried cauliflower, which is in the same plant family as broccoli, cabbage and Brussels sprouts. While vegetarians typically avoid meat, poultry and fish, vegans exclude any animal-derived ingredients. Next, Danny teaches how to make antibacterial wipes at home using old cotton t-shirts, distilled water, white vinegar, rubbing alcohol, and castile soap. Castile soap, which is made from potassium and oils, is a surfactant, meaning it tends to reduce the surface tension of a liquid in which it is dissolved. Then, Danny makes cheesecake using a unique ingredient: spirulina, which is a blue-green algae that contains over 60% protein. Lastly, Danny shows how to turn an old accessory, like a leather belt, into something new by using the technique of embossing, which is the art of creating raised patterns on the surface of leather, metal and other textiles.

[Educational Message: Some meats can be harder for bodies to digest, so incorporating a vegetarian meal into your routine allows your body to cleanse and is an opportunity to try new recipes. Making your own antibacterial wipes is both ecological and economical. Forgotten accessories can be upcycled into new found treasures, and the art of embossing allows the opportunity for personalization and creative expression.]

Airdate: 4/28/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

MONKEYING AROUND [VJG222]

Host Josh Garcia heads to the country of Panama and transits through its famous canal, an impressive feat of modern engineering. Upon arriving, he tours the historic district of Panama City, exploring the area's beautifully preserved, old-world charm. Josh learns how the city continues to change and reinvent itself with time. Panama City is the only capital city that has a rainforest within its city limits, and Josh visits Monkey Island, where he gets up-close and personal with the country's most adorable, and sometimes mischievous, inhabitants. The white-

experience of where you are. At the end of the day write down a list of what you did and saw, so later you can recall those experiences, and maybe one day revisit them.]

Airdate: 4/21/2018

Time:

Duration: 30:00

WILDERNESS VET

FAR AND WIDE [WDV221]

The Yukon is a large place, which for a veterinarian means having clients both near and far. But Dr. Oakley is one dedicated doc and will go to extreme lengths and distances if it means helping her patients. First up, Dr. Oakley is on her way to assist with the transportation of a group of caribou to the Alaska Wildlife Center. They'll have to travel over 1,500 miles on their journey from British Columbia, so it's important to have a veterinarian on hand in case of emergencies. Only a few hours into their trip, Dr. Oakley notices a problem with one of the caribou behaving strangely. To help keep the caribou relaxed, each one of them was given a light tranquilizer prior to the trip, this abnormal behavior could be an indication of a bad reaction. To help the ailing caribou, they'll have to give an injection to counteract the tranquilizer. After a long journey, the team arrives at their destination and all caribou are in good health. Next, Dr. Oakley is heading out to a remote farm to check on a bull calf in need of a castration. Also, Dr. Oakley will be visiting with several horses on the farm to perform dental procedures. Dr. Oakley and team will be working with Fjord horses, one of the world's oldest and purest breeds. Finally, Dr. Oakley and her family take a kayaking trip together where they get to view a group of sea lions in their natural habitat.

[Educational Message: We are presented with new challenges every day and we must not let ourselves be defeated. We must always stay focused on our goals and push ourselves to overcome the obstacles.]

Airdate: 4/21/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

ADVENTURE IN THAILAND [JDD217]

Join host Dylan Dreyer on an epic journey through Thailand's breathtaking Khao Sok National Park. We'll team up with Southern Thailand's head biologist as he protects endangered elephants and explores an intricate system of caves while looking for new species of bats. Along the way, we'll meet many amazing people who live and work in Thailand and discover what life is like in one of the most unique places on Earth. First up, we'll follow a group of conservationists and biologists that have been caring for a juvenile elephant that was separated from its herd by a group of poachers. The team is hoping that another elephant herd will take the juvenile as their own, but in order to bring them together, they'll have to better understand the natural patterns of the elephants living inside the park. Here we'll learn about the varying landscape of Khao Sok National Park, and how it is home to the oldest rainforests in the world. Next, we'll visit with native residents of the park where we'll witness deep water spearfishing, frog hunting, and learn more about day-to-day life inside Khao Sok. Next, we'll learn about a unique and traditional ceremony for the Khao Sok residents, the summoning of the forest's spirit. The locals believe the spirit protects them and that the ceremony is an opportunity to ask the spirit for favors, such as

colonies work together and how each ant has its own role and responsibility. We'll also discover more about the impact of fire ants, such as how fire ants are among the worst invasive species due to their destruction of farmland. Next, we'll learn about the amazing survival skills and adaptability of the fire ant, such as its ability to survive extreme cold temperatures, and how they use teamwork to link together and form a floating raft during floods. We'll discover more about how ants use swarm intelligence, which is the same principal that helps schools of fish avoid a predator, or helps a large flock of birds fly as one. We'll also learn how fire ants use their incredible strength to survive. Depending on the species, ants can lift between 20 and 100 times their own weight. Finally, we'll learn how scientists are studying the species and how they're working towards an environmentally-safe solution to eradicate the non-native fire ant from North America.

[Educational Message: Although small, the fire ant has proven to be a dominant and prevalent invasive species in North America. We can do our part to limit the spread of other invasive species by cleaning our outdoor recreation gear and not releasing any unwanted pet or fish into the wild.]

Airdate: 4/28/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

MAGPIES AND PEACOCKS [NDS222]

Host Danny Seo visits a non-profit design house in Houston whose message is to be a responsible consumer. They collect unwanted textiles, diverting post-consumer textiles from landfills, and turn them over to designers to make fashion pieces. Approximately 32.4 billion pounds of textile trash are disposed of each year in the U.S. Next, Danny teaches about different types of exotic fruits, such as horned melon and dragon fruit, and the appropriate way to consume each. Horned melon, which also goes by the name kiwano, is native to Southern Africa; and like the pomegranate, horned melon seeds are safe to eat. Dragon fruit is produced by a fruit-bearing species of cacti, native to Central and South America. Then, Danny meets a fitness coach to learn the appropriate way to use simple workout tools, like tubing and a foam roller, and the importance of stretching to relieve daily stress placed on the body-- constantly looking down at a mobile device can place up to 60 pounds of pressure on the spine. Tubing is used for resistance training, which helps strengthen the core, and a foam roller is used for myofascial release, which is the process of rolling out tight muscles and relieving tension.

[Educational Message: Just because something is trash to you doesn't mean it can't be used to create something new and unique. Being a responsible consumer helps lessen environmental costs by making environmentally friendly purchases. Trying new fruits and vegetables, even if they are exotic and unusual to you, is a great opportunity to learn about different cultures, try new recipes, and expand your palate. Stress is placed on the body even when we don't realize it, so it's important to have a healthy routine of stretching and exercising.]

Airdate: 5/5/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

KICKING IT, RIO STYLE [VJG223]

Host Josh Garcia sails into the world-famous city of Rio de Janeiro, Brazil. At one of the city's colorful open-air markets, Josh discovers Brazil's vast array of exotic fruit and sinks his teeth into some of its juicy bounty. Brazil has roughly 5 biomes and each one yields different fruits. A biome is a major ecological community characterized by the animals and plants living in that region. One of these fruits is Jabuticaba, an unusual Brazilian grape tree that produces fruit directly from its trunk. Next, Josh teams up with a local soccer player who teaches him how to master Brazil's national sport. With five titles, Brazil has won the most World Cups. One technique called pedalada means "pedaling" in Portuguese. Finally, Josh goes on a thrilling adventure as he tours Rio from the sky, hang-gliding high above the city. Typically, the frame of a hang glider is composed of an aluminum alloy. Josh gets a breathtaking view of the varying landscapes of Rio de Janeiro, including the mountains and the beach.

[Educational Message: Learning local culture from the people that live in the region you are visiting can be a good way to learn something new and maybe even make a new friend.]

Airdate: 5/5/2018

Time:

Duration: 30:00

WILDERNESS VET

SEARCH PARTY [WDV223]

For animals living in the Yukon, there are thousands of square miles to call home. This can pose a serious challenge for Dr. Oakley when she goes out into the field because sometimes, before she can help a creature in need, she has to find them first. First up, Dr. Oakley and her family are heading to a horse ranch to assist in locating a group of missing horses. Dr. Oakley and the team will have to use a combination of all-terrain vehicles and an airplane to try and spot the wayward horses. Once found, Dr. Oakley will need to perform a surgical procedure on one of the horses in order to treat a hernia. Next, Dr. Oakley is on her way to the Alaska Wildlife Conservation Center to perform a check on two black bear residents. Dr. Oakley will have to work on each black bear one at a time, which will soon prove to be difficult, and dangerous. Dr. Oakley and her team struggle to separate the bears safely in the rugged and wooded terrain. After some tense moments, Dr. Oakley and team successfully sedate one of the bears and perform the routine checkup, but the day proved too long for the team, and Dr. Oakley will have to return another time to check on the other black bear.

[Educational Message: Every day offers new challenges. We must always seek to overcome obstacles and challenges in life to grow, learn, and succeed.]

Airdate: 5/5/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

SPAIN NORTH [JDD219]

Join host Dylan Dreyer on a breathtaking tour of Northern Spain. Over treacherous cliffs and majestic mountains, through ancient cities and rich culture, we're on an adventure where surprises wait around every corner and history reveals itself like never before. First up, we'll discover more about Spain and how it's home to over 47 million people, making it the sixth largest country in Europe. Next, we'll learn about the dangerous coastline of Northern Spain, and how a tragic shipwreck gave way for the first electric lighthouse on Spanish coasts. We'll discover that before the invention of the lighthouse, seaside residents in Spain and across the globe would burn large fires to warn sailors. Next, we'll learn more about the fishing industry in Northern Spain and how their inlets make up the most important region for traditional fishing and seafood fishing in all of Europe. Next, we'll journey to San Sebastian, founded in the year 1180, where we'll see how tradition and modernity go hand in hand. We'll discover that Spain hosts over 58 million tourists every year, making it one of the most visited countries on Earth. Next, we'll learn more about the geology of the region's coastlines, such as how the cliffs of Northern Spain were formed by layers of rock that date back to the time of the dinosaurs. Finally, we'll visit the Pasajes Inlet and learn more about the rich history of the natural canal that's been a starting point for international routes for centuries.

[Educational Message: The world we recognize today is billions of years in the making. Vibrant cultures today have rich histories to discover.]

Airdate: 5/5/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

KITCHEN AND BEAUTY GENIUS [NDS223]

Host Danny Seo discovers new uses for everyday ingredients and uses them to create recipes with a healthy twist and homemade beauty products that are also eco-friendly. First, Danny uses yogurt and honey as a healthy alternative to ice cream to make yogurt bark. A typical serving of yogurt has a few billion "good" bacteria, which can aid in digestion; and when yogurt is frozen, the cultures become dormant, but once ingested, they become active again. Next, Danny introduces an alternative to sports drinks, which can contain up to 34 grams of sugar in one beverage, by using water, lemons, Himalayan pink salt and raw honey. Lemons contain natural electrolytes, which are essential to hydration, regulating the flow of water in and out of cells; and raw honey is filled with plant nutrients that can provide anti-inflammatory benefits. Then, Danny makes a peel-off charcoal mask using egg whites, activated charcoal and gelatin. Egg whites help tighten pores and are high in protein, which absorbs oil; activated charcoal helps detoxify skin and is made from wood, coal or other substances that have been processed at high temperatures. Then, Danny shows how to make an exfoliating soap with reused coffee grounds as well as a homemade makeup remover using two all-natural ingredients, witch hazel and jojoba oil. Witch hazel is a natural astringent derived from the leaves, bark and twigs of the witch hazel plant; and jojoba oil has moisturizing and sun-protecting effects. Lastly, Danny cooks up fudgy brownies

using coconut sugar, cacao powder, and a surprising ingredient, eggplant. Eggplant is part of the Solanaceae family, which includes tomatoes, potatoes and peppers.

[Educational Message: Many household ingredients have multiple purposes. Using your imagination to incorporate usual ingredients in an unusual way can help save money, cut down on waste, and provide a healthy alternative to use in a daily routine.]

Airdate: 5/12/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

TWO TO TANGO [VJG224]

Host Josh Garcia spends the day ashore in Buenos Aires, Argentina exploring the history, culture, and cuisine of Argentina's glamorous capital city. Upon arriving, Josh joins a culinary class, and learns why empanadas come in all different shapes and sizes. An empanada is typically a pastry filled with a variety of meats and vegetables. The slightly sweet empanada dough is known as masa, and the pattern of the dough's fold is called a repulgue. Next, he heads to the countryside and hops into the saddle, where he learns polo, Argentina's most celebrated sport. Although the English brought polo to Argentina, Argentinians have embraced the sport and begin learning how to play at a young age. Mastering balance is an important part of the sport, and it's imperative that a rider keep their balance during a game. In polo, there are three types of swings including the half swing, full swing, and backhand. A polo game consists of four to eight 7-minute periods called chukkas. For his final adventure, Josh steps out of his comfort zone and embraces the country's most iconic dance – the tango! Now hugely popular in Buenos Aires, early tango was known as tango criollo which means "Creole tango." While there are a few basic steps, improvisation is a signature feature of this dance.

[Educational Message: Stepping out of your comfort zone can be an important growing moment for just about everyone. When you step out of your comfort zone, you learn something new and ultimately gain confidence to face new experiences.]

Airdate: 5/12/2018

Time:

Duration: 30:00

WILDERNESS VET

FIERCE AND FURRIEST [WDV224]

Whether small, medium, or large, there are plenty of fierce creatures to be found in the Yukon. And although Dr. Oakley recognizes some of her patients may be dangerous, that doesn't stop this doctor from doing her job. First up, Dr. Oakley is visiting an exotic wildlife center to check on a jaguar suffering from arthritis. Arthritis is an inflammation of the joint which causes pain and stiffness. To safely examine the jaguar, Dr. Oakley will have to sedate the big cat. The plan for today is to inject plasma into the jaguar's joints, but his old age makes the procedure complicated. After some issues stabilizing the jaguar's blood pressure, Dr. Oakley completes the injection procedure successfully. Over the next few weeks, animal keepers notice an incredible improvement in the jaguar's mobility which greatly increases its quality of life. Next, Dr. Oakley is heading out on an emergency call involving a pet ferret having bladder problems. Dr. Oakley suspects bladder stones may be causing the issue. Due to the location of the suspected culprit,

she'll have to perform a surgical procedure to treat the ferret. Next, Dr. Oakley is heading to the Alaskan Wildlife Center to check in on a lynx with a recurring problem with trembling. Dr. Oakley will need to perform a head-to-toe exam to diagnose the cause of the shaking, so she'll first need to sedate the patient. After a thorough exam, Dr. Oakley notices no obvious physical issues, so she'll have to take a blood sample to test for any other potential causes.

[Educational Message: It's important that we always treat animals with compassion and respect. All life is important, no matter its age or size.]

Airdate: 5/12/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

ALLIGATORS [JDD220]

Join host Dylan Dreyer on a grand tour through the one of the most ecologically diverse wetland habitats on Earth: the mighty Okefenokee Swamp of southern Georgia. We'll trek deep into the heart of this protected wilderness to explore a tangled web of life that will do anything to survive. Along the way, we'll come face-to-face with the American Alligator, witness the regenerative power of fire, and discover plants that bite. First up, we'll learn more about the Okefenokee Swamp and how this corner of the Earth is home to the largest most ecologically diverse wetland ecosystems on the planet. The Okefenokee Swamp is brimming with wildlife and is home to over 60 species of reptiles and at least 200 species of birds. Next, we'll meet the American Alligator, one of the oldest and most dominant predators to have ever lived. We'll learn how alligators and dinosaurs both shared common ancestors more than 220 million years ago. We'll also discover how alligators are highly sophisticated and very complex animals that are superbly adapted for their life as apex predators in wetland ecosystems. Next, we'll learn more about the diverse plant life in the region, including one of the strangest carnivores in the world, the sundew. We'll see how the sundew plant uses its tentacle-like hairs to secrete a sweet, sticky syrup that attracts insects that become entrapped and eventually consumed. Finally, we'll discover how nature has an amazing way of taking care of itself and keeping the environment in check through fire. Here we'll learn how forest fires are cyclical and essential to the health of the entire ecosystem.

[Educational Message: The Okefenokee Swamp and other wild wetlands are becoming increasingly rare as human populations grow. In our ever-changing world, better understanding of biologically diverse wetlands is an important step towards protecting them, and the incredible animals that live there.]

Airdate: 5/12/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

GREEN LIVING [NDS224]

Host Danny Seo meets entrepreneurs who are so passionate about green living that they've turned that obsession into their occupation. First, Danny visits a non-profit in Los Angeles that uses food that has been thrown out for cosmetic reasons to make meals for the less fortunate—in the U.S. alone, three million tons of “ugly” produce reportedly goes to waste each year. Next, Danny meets a couple who founded a non-profit that takes vacant lots and turns them into mini

farms that benefit the community. They teach Danny how to make a pallet garden to save space; a pallet is a wooden platform designed to hold and carry heavy loads. Then, Danny travels to Brooklyn, New York to visit with entrepreneurs practicing urban farming by building indoor vertical farms in steel shipping containers. Specialized growing equipment and careful climate control enable container farms to produce crops year-round. Whereas outdoor farms rely on natural white light, urban farmers use colored LED lighting— blue light prompts vegetative growth while red light results in flowering. Lastly, Danny travels to Maine to meet a farmer turned high school teacher who decided to start making his own tofu when he couldn't find any locally. Tofu is an excellent source of calcium and iron, and the texture of tofu is determined by its liquid content— the more liquid, the softer the tofu.

[Educational Message: Being passionate about something is the first step to success. Always try to see the potential in something, whether it be a space, an idea, yourself, or others. Turning an empty space into a community garden is a great way to save money, help others, and turn something overlooked into something beneficial.]

Airdate: 5/19/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

FLAVOR OF THAILAND [VJG225]

Host Josh Garcia sails into Thailand's capital city and explores the rich culture of Bangkok, Thailand. Built on the city's famous canals, the magical floating market offers Josh an array of exotic produce and a glimpse into its local history. A floating market is a market where goods are sold from boats. Josh takes a bite out of a mangosteen, the national fruit of Thailand. Next, he takes cooking class and learns the art of balancing the signature flavors of the country's iconic dish, pad thai. Pad thai is a sweet and salty noodle dish made from rice noodles, tofu, shallots, radishes, fried shrimp, peanuts, and eggs. Most Thai dishes have a combination of the classic five seasonings, star anise, cloves, Chinese cinnamon, Sichuan pepper, and fennel seeds. Finally, he visits an ancient village where generations of craftsmen are keeping a lost tradition alive. The Baan Bat community, also known as Monk Bowl Village, produces traditional monk bowls, originally used by Buddhist monks. This craft has been passed down through generations, and they are made from stainless steel by hand.

[Educational Message: Mixing different flavor palates in one dish is more common than you might think. Sweet, salty, spicy, and aromatic flavors come in many forms, but across cultures many classic dishes are a combination of these very different flavors.]

Airdate: 5/19/2018

Time:

Duration: 30:00

WILDERNESS VET

SECOND CHANCES [WDV225]

Dr. Oakley's job has plenty of ups and downs. While some clients require only simple care, others can be in dire straits. But losing hope isn't something Dr. Oakley knows how to do, because saving her patients and giving them new life is the ultimate reward. First up, Dr. Oakley is on her way to

an emergency call at the Alaska Wildlife Center where a moose calf is suffering from a serious case of bloat; gastric bloat is when the stomach fills with gas. Dr. Oakley will have to perform an exam on the moose calf to better understand the source of the problem. After an attempt to insert a tube into the calf to relieve the gas pressure fails, Dr. Oakley utilizes a probiotic drink. Probiotics are microorganisms of bacteria that provide health benefits when consumed. After 24 hours, the moose calf's condition has not improved. Now, Dr. Oakley will sedate the calf and insert a tube down its throat to release the built-up gas. Thankfully, the procedure proves successful and the moose calf is on the road to recovery. Next, Dr. Oakley and her daughter Maya are on their way to perform a follow-up exam on a puppy with a leg issue. The puppy was injured in a previous car accident and Dr. Oakley believes there is nerve damage in the leg causing the issue. Due to the permanent nerve damage, Dr. Oakley will unfortunately have to amputate the dog's leg.

[Educational Message: We are constantly faced with new circumstances and challenges in life. We must learn to do our best to adapt and improvise.]

Airdate: 5/19/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

WILD COLOGNE [JDD221]

Join host Dylan Dreyer on an exploration of one of the oldest and most beautiful cities in Germany: Cologne. Renowned for its gothic architecture and designs, this famous tourist destination has been home to proud communities for more than two thousand years. We'll uncover the people, culture, and history that make this region so special, and witness the amazing wildlife that have made this urban jungle their home. First, we'll meet a variety of water birds that live on a lake placed in the center of the large city of Cologne. We'll learn more about the native bird species of Cologne such as the mighty swan and we'll also learn about the non-native species. Non-native birds like the Egyptian goose or parakeet established themselves in Cologne after their ancestors escaped from local zoos. Next, we'll learn more about the common swift, a migratory bird that comes to Cologne all the way from Africa. Here we'll meet a woman who has dedicated her life to caring for and rehabilitating injured swifts. We'll witness how she patiently feeds the ailing birds and monitors their recovery for their eventual release back into the wild. Next, we'll explore the dense, green forests that surround the city of Cologne, known as the Konigsforst. This region is home to a healthy population of red deer, a species with a fossil record that dates back over 12 million years ago. Here we'll discover that red deer were among the first animals to ever be depicted by humans in cave paintings. We'll also learn how Cologne has implemented wildlife pathways that cross over busy highways. This solution allows humans to live alongside nature, increasing the available habitat for animals while protecting the populations of red deer and other native species.

[Educational Message: As our world grows and our cities expand, we must realize the impact we have on our environment. We must find ways to protect our surrounding nature and wildlife for future generations.]

Airdate: 5/19/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

HOME HACKS [NDS225]

Host Danny Seo explores simple, creative solutions to household problems that can also help save money. First, Danny shares how to upcycle old sponges by turning them into ice packs using a zip-lock bag, water and rubbing alcohol. Rubbing alcohol prevents the water from freezing completely; while water freezes at 32 degrees, rubbing alcohol freezes around -128 degrees. Next, Danny explains the benefits of reusing old aquarium water to hydrate plants. The water has nutrients from old fish food as well as fish waste and beneficial bacteria that can help plants thrive. Some nutrients found in used aquarium water include phosphorus, nitrogen, potassium and iron. Then, Danny teaches the appropriate way to recycle scrap metal and how to determine if a metal is ferrous or non-ferrous. Ferrous metals contain iron and non-ferrous metals contain little to no iron. Then, Danny explains which font types are the most ink efficient—printing 25 pages a week using Times New Roman instead of Arial could save nearly \$20 each year. Lastly, Danny shares helpful tips to prevent unwanted encounters with wildlife. Apple cider vinegar and peppermint oil work as natural animal deterrents because their strong scents can irritate the sensitive nose of an animal. Sticking tape or hole protectors to windows will help prevent birds from flying into them; most birds will avoid glass with a vertical stripe pattern spaced 4 inches apart.

[Educational Message: Many household ingredients have multiple purposes. Finding a way to reuse or recycle something instead of throwing it away prevents waste from going to landfills, which is good for the environment and can also help save money. Some habits may be more wasteful or harmful than we realize, and making a small change can often add up to big benefits for the environment.]

Airdate: 5/26/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

EUROPEAN WONDERS [VJG226]

Host Josh Garcia rereads some of his favorite journal entries from his spectacular voyages in Europe. His adventure begins on the Spanish island of Mallorca, where Josh takes a scenic ride through the countryside on a one-of-a-kind wooden train built over a century ago. The Soller Train has been in service since 1912 and at one time was used to transport goods and passengers from Soller to Palma. It's a narrow gauge train, which refers to the width of the track being 3 feet compared to the standard 4.5 feet. In Athens, Greece, Josh travels to the countryside and teams up with a local chef to make a signature Greek dish using vegetables from the land. Moussaka is an eggplant dish that originated in the Middle East, and is popular in Greek cuisine. Mezze are small dishes in Greek cuisine that are meant to be shared by a group, including dishes like tzatziki, hummus, and eggplant salad. Finally, in Lisbon, Portugal, at a traditional artisan workshop, Josh learns the ancient art of handcrafting Lisbon's iconic, decorative tiles. He sees firsthand how these tiles, locally known as *azulejo*, are made using techniques dating back to the 18th century. *Azulejo* comes from an Arabic word meaning "polished stone."

[Educational Message: Planning a trip that spans multiple destinations can be an opportunity to take note of the differences and similarities in geography and culture. You might be surprised to learn that some traditions appear in different cultures in new and unique ways.]

Airdate: 5/26/2018

Time:

Duration: 30:00

WILDERNESS VET

A NEW CHAPTER [WDV226]

Every year Dr. Oakley's job offers new clients, challenges, and opportunities. But with her oldest daughter graduating from school, Dr. Oakley must face a new chapter in her job as a parent. First up, a bald eagle with a potentially broken wing is brought into Dr. Oakley's clinic. The team will have to work carefully to avoid the raptor's strong beak and talons. Dr. Oakley examines the wing and discovers swelling between the bird's radius and ulna bones. Dr. Oakley stabilizes the wing and provides an anti-inflammatory to reduce the swelling. Next, Dr. Oakley is joining a special government project to help with a feral horse problem along a busy highway. To manage the wild populations, the government grants permission for residents to bring horses home, which clears the roadways and keeps horses and drivers safe. These wild horses will prove difficult to catch, so Dr. Oakley and her team will need to utilize a helicopter to track, capture, and relocate the animals safely. Next, Dr. Oakley is visiting a caribou at the Yukon Wildlife Preserve suffering from recurring growths on its face. Today's goal is to remove as much of the growths as possible. Finally, Dr. Oakley and family attend Sierra's graduation from high school, which proves to be an emotional day for the Oakley family.

[Educational Message: You are never too young or too old to follow your dreams. Dedication and hard work can help you achieve your passions and goals.]

Airdate: 5/26/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

AMAZING ANIMALS [JDD222]

Join host Dylan Dreyer for a unique look at some of the most incredible and successful animals on Earth. From elephants living in the jungles of Thailand, to sprawling underground cities of ants in the western United States, to communities of playful sea lions off the coast of California, we'll experience some of the planet's most iconic species from their own point of view. First up, we'll travel to Khao Sok National Park in Thailand. Here we'll follow a group of conservationists and biologists who have been caring for a juvenile elephant that was separated from its herd by a group of poachers. The team is hoping that another elephant herd will take the juvenile as their own, but in order to bring them together, they'll have to better understand the natural patterns of the elephants living inside the park. Next, we'll journey to the Pacific Ocean where we'll come face to face with Great White sharks. We'll discover how Great Whites can grow as big as 20 feet long and weigh as much as 7,000 pounds. Next, we'll follow a group of California sea lions and learn how they can eat between 5-8% of their entire body weight in a single day. We'll also learn how sea lions are related to bears, weasels, and raccoons. Next, we'll travel to North America to learn more about an invasive species of fire ants. We'll discover how the imported red fire ant is native to the floodplains and savannas of South America, but that sometime in the mid-1930s,

the ant hitched a ride on a cargo ship to North America where it quickly spread. We'll also learn about the amazing survival skills and adaptability of the fire ant, such as its ability to survive extreme cold temperatures. Next, we'll journey to Germany where we'll discover more about the various species of birds, amphibians, reptiles, and mammals that call the Wupper River home.

[Educational Message: Our society can have a big impact on the nature and wildlife that surrounds us. We must protect and treat our own environment with respect and hard work to ensure it thrives for generations to come.]

Airdate: 5/26/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

DON'T BUY IT, DIY IT [NDS226]

Host Danny Seo shares creative ways to upcycle something ordinary into something unique to repurpose something old instead of throwing it away. First, Danny turns rocks found in the yard into marbled works of art using paint and glaze, which is a binding solution that gives decorative finishes depth and dimension. Marbleizing, originally called "ebru" or "cloud art," began in Persia, India and Turkey in the 15th century. Next, Danny creates stickers using leaves found outside to create a mandala. Early forms of stickers can be traced back to ancient Egyptians; and the word "mandala" is Sanskrit for "circle" and is one of the most ancient art forms. Then, Danny teaches a scientific way to repurpose nail polish by adding a few drops to hot water and dipping items on the surface to create colorful, marbled accessories. Nail polish contains a petroleum-based solvent, like oil, which is lighter than water; it will adhere to non-porous surfaces like porcelain, glass and metal. Lastly, Danny shows how to reuse dated items, such as a keyboard and old DVDs and CDs, to create unique pieces. Old computer keys can be removed and used to personalize journals, make gift tags and create art; and old DVDs and CDs can be broken into small pieces, then glued in different patterns to create a mosaic. The earliest known examples of mosaics were found in Ubaid, Mesopotamia, dating back to the 3rd millennium B.C.

[Educational Message: Before throwing something away, consider ways it can be reused. Using your imagination to make arts and crafts with items found in your yard, such as leaves, is a great way to express yourself and explore different forms of art. Applying an ancient technique to decorate a seemingly plain object is a great way to show creativity and gain insight into a different culture. Just because something is out of date, doesn't mean it has no purpose— get creative and find a way to upcycle it.]

Airdate: 6/2/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

PEARL OF THE ORIENT [209]

Host Josh Garcia heads to Shanghai to explore this premier East meets West hot spot. He learns the ancient martial art of tai chi from a Chinese master in a local park. For people of all ages, practicing tai chi is one of the more popular exercises in China. Tai chi can be practiced alone or with a partner, and the objective of partner tai chi is to transfer energy from one person to

another. Then, Josh discovers the secret to making Shanghai's signature specialty, soup dumplings. Soup dumplings are typically filled with pork, shrimp, or crab, and this dish dates back to the 1800s in a town outside of Shanghai. Meat is steamed inside a pocket of thin, dumpling dough, locking in the broth. Dumplings are shaped through a technique called pleating. Finally, Josh takes a swing at Badminton, a sport that's become a Chinese phenomenon! Badminton is played with a shuttlecock that's passed over the court net with racquets. The shuttlecock is usually made with goose or duck feathers fixed into a cork base.

[Educational Message: Going into new experiences without expectation can be a great way to reach a positive outcome. Living in the present, and paying attention to the small details can be rewarding in itself.]

Airdate: 6/2/2018

Time:

Duration: 30:00

WILDERNESS VET

FUR THE LOVE OF ANIMALS [WDV210]

Working with wild animals can be a dangerous job, and when these creatures need help, Dr. Oakley never hesitates to jump into action. But when her patient's unpredictable behavior puts her entire medical staff at risk, she has to think fast to get them out of danger. First up, Dr. Oakley is on her way to the Alaska Wildlife Conservation Center to perform a check up on two black bear residents. However, Dr. Oakley will have to work on each black bear one at a time, which will soon prove to be difficult, and dangerous. Dr. Oakley and her team struggle to separate the bears safely in the rugged and wooded terrain. After some tense moments, Dr. Oakley and team successfully sedate one of the bears and perform the routine checkup. The day proved too long for the team, and Dr. Oakley will have to return another time to check on the other black bear. Next, Dr. Oakley is heading to a ranch to help locate and neuter an American bison bull that's just reached breeding age. Here we'll learn more about the extreme temperament and power of the bison species.

[Educational Message: Every day offers new challenges. When we are faced with adversity, we must always stay focused on our goals and push ourselves to overcome the obstacles.]

Airdate: 6/2/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

OLD MAN RIVER [JDD214]

Join host Dylan Dreyer on an epic adventure through the vast Delta of the Mississippi River. We'll travel from the Gulf of Mexico, to the famous city of New Orleans, up the banks of plantations, past enchanted swamplands full of alligators, and finally into cattle country. Along the way, we'll discover some of America's most impressive wildlife, most diverse habitats, and some of the most vibrant people. First, we'll travel along the Mississippi River Delta and learn more about the diverse ecosystem and unique habitat for the local wildlife. Also, we'll learn how a vast network of man-made islands and sandbars that help slow down the river's flow and counter tidal surges from the ocean. Next, we'll visit the historic city of New Orleans, Louisiana, which is home to more than 300,000 residents. New Orleans was one of the largest immigrant melting pots in the

history of the United States. Here we'll learn more about how this eclectic mix of styles and cultures permeated through the food, music, and art of New Orleans. Next, we'll travel to a preserved plantation home where we'll learn more about the history of slavery in the South and its impact on New Orleans. Finally, we'll travel to the Atchafalaya Basin, where we'll discover more about the unique Cajun culture of Louisiana. Here, we'll witness firsthand the way of life for modern-day Cajuns and listen to them speak guttural French, a dialect that has remained unchanged for over 150 years.

[Educational Message: The importance of Louisiana to the United States cannot be overstated. Its history, ecology, and industry helped power our new nation, and remains as vital today as it has ever been.]

Airdate: 6/2/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

SALT BATH [NDS210]

Host Danny Seo travels to a yoga studio in New York that practices dry salt therapy and learns different yoga stretches. Dry Salt therapy is also known as halotherapy, which originated in the 1800s and may aid in detoxifying the respiratory system. Himalayan pink salt, which is typically used in halotherapy, is around 85% sodium chloride and contains over 80 minerals. Next, Danny uses tempeh, which contains more protein and fiber than tofu, as a meat alternative to make bacon and chili. Tempeh is fermented cooked soybeans formed into firm, dense cakes; and although it has a strong, nutty taste, it also absorbs other flavors easily. Then, Danny shows how to reuse plastic bottles to create self-watering planters with twine, which naturally absorbs water and allows moisture to travel through it.

[Educational Message: Exploring different methods of yoga is a way to learn historical background and practice ancient techniques. Tempeh is great source of plant-based protein and holds its shape when cooked, making it a versatile meat substitute. Turning plastic bottles into self-watering containers is a creative way to eliminate the task of remembering to water plants while also helping reduce waste.]

Airdate: 6/9/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

NORTHERN HIGHLIGHTS [211]

Host Josh Garcia rereads some of his favorite journal entries from his epic voyages to Alaska. His adventure begins in Juneau where he kayaks to the great Mendenhall Glacier with a geologist and ventures deep inside its majestic ice caves to learn more about Juneau's ecosystem. The sheer scale and grandeur of the glacier is truly magical. The Mendenhall Glacier stretches about thirteen miles before it merges into the Juneau Icefield, which is about fifteen hundred square miles. Inside an ice cave in the Mendenhall Glacier, Josh is blown away by how much light reaches the cave through the dozens of feet of glacial ice above them. In Ketchikan, Josh teams up with top-ranked timbersports athletes and tries his hand at a daring lumberjack competition! This heavily forested area was once home to a booming timber industry; these games honor the

region's history in this industry. Finally, in Talkeetna, Josh takes a flightseeing tour of Denali and explores one of its magnificent glacial peaks. Denali National Park is 6 million acres, and the Denali summit is 20,310 feet.

[Educational Message: When traveling, writing down your experiences is a great way to keep track of what you did and where you went. Then, in the future it's a great way to reminisce on those adventures!]

Airdate: 6/9/2018

Time:

Duration: 30:00

WILDERNESS VET

SURGEON ON CALL [WDV211]

For Dr. Oakley, performing surgery is always a last case scenario, but sometimes it's unavoidable. So when a rat with mysterious lump and a horse with a fractured leg need Dr. Oakley's help, she'll put on her surgeon's mask. First up, Dr. Oakley and her daughter Sierra are taking a road trip to Prince Edward Island, which is where Dr. Oakley went to veterinary school. Today, they'll both be assisting veterinarians with a variety of procedures on horses at the Atlantic Veterinary College. Here, Sierra gets an incredible opportunity to work side-by-side with other veterinary professionals, while Dr. Oakley also learns about the latest techniques and methods of animal medicine. Next, Dr. Oakley and her team are traveling to a farm in order to perform a surgery on a wild boar named Captain Black. Dr. Oakley and her team will have to work extra carefully due to the boar's sharp tusks and tough attitude. Finally, Dr. Oakley is visited by a couple of pet fancy rats suffering from tumors. After an examination, Dr. Oakley is concerned that the tumor on one of the rats may be malignant. The safest course of action to treat the rats is to remove the tumors. Dr. Oakley works very carefully on the small animals and the surgical procedures go off without a hitch.

[Educational Message: The ability to problem-solve is crucial to success. We must always seek solutions and not be discouraged by challenges.]

Airdate: 6/9/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

THE JUNGLES OF GERMANY [JDD215]

Join host Dylan Dreyer on a breathtaking tour of Europe's most surprising waterway: The Wupper River. We'll explore the river's dark and untamed regions, meet countless creatures living along its banks, and reveal a collection of diverse habitats that rivals the mighty Amazon. We'll follow the river's history from medieval times to present day and discover the many ways wildlife has adapted and thrived through the centuries. First, we'll learn how the Wupper River was contaminated and polluted by factories during the Industrial Revolution over a century ago, and how future community involvement and investment helped restore the river to its current thriving state. We'll discover more about the various species of birds, amphibians, reptiles, and mammals that call the Wupper River home. Here we'll visit a breeding ground for Kingfisher birds and we'll learn more about the courting process for the males and females. Next, we'll follow a family of wild boars foraging for food and we'll learn how human interference and distribution

has made the wild boar one of the widest-ranging mammals on Earth. Next, we'll learn about the variety of mushroom species thriving on the banks of the Wupper River and witness their unique growth patterns and abilities to spread spores. Then, we'll visit with a group of red foxes where we'll learn more about their hunting habits and social behaviors. Finally, we'll meet a litter of red fox cubs and witness how their mother provides and cares for them in the wild.

[Educational Message: Our society can have a big impact on the nature and wildlife that surrounds us. We must all do our part to reduce pollution and protect our Earth.]

Airdate: 6/9/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

STONYFIELD FARMS [NDS211]

Host Danny Seo travels to an organic dairy farm in Maine to learn about organic farming and how yogurt is made. Organic farmers are never allowed to use toxic persistent pesticides or synthetic fertilizers; and during winter months, organic cows eat a diet of hay supplemented with organic grains, like barley, oats and corn. Yogurt is made by testing the milk, separating the skim milk and cream, heating and cooling the milk, adding probiotics, and finally adding natural flavors. Probiotic cultures are live microorganisms that may help boost the immune system. Then, Danny cooks up fudgy brownies using coconut sugar, cacao powder, and a surprising ingredient, eggplant. Eggplant is part of the Solanaceae family, which includes tomatoes, potatoes and peppers. Coconut sugar contains antioxidants as well as nutrients like zinc and iron. Then, Danny creates a personalized message in a bottle using wire and cut outs. The earliest known message in a bottle was sent in 310 BCE by Greek philosopher Theophrastus, who used a message in a bottle to test his theory that the Atlantic Ocean flows into the Mediterranean Sea. Drift bottles are still used by oceanographers studying global currents.

[Educational Message: When making yogurt, the process of heating and cooling the milk is what makes yogurt rich and creamy. You can add a healthy twist to dessert by adding vegetables. The key to not tasting a vegetable in a dessert is finding the balance between the vegetable and natural sweeteners. Gifting someone with a message in a bottle is a creative alternative to a card and allows more options to express yourself artistically.]

Airdate:6/16/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

KICKING IT, RIO STYLE [VJG223]

Host Josh Garcia sails into the world-famous city of Rio de Janeiro, Brazil. At one of the city's colorful open-air markets, Josh discovers Brazil's vast array of exotic fruit and sinks his teeth into some of its juicy bounty. Brazil has roughly 5 biomes and each one yields different fruits. A biome is a major ecological community characterized by the animals and plants living in that region. One of these fruits is Jaboticaba, an unusual Brazilian grape tree that produces fruit directly from its trunk. Next, Josh teams up with a local soccer player who teaches him how to master Brazil's national sport. With five titles, Brazil has won the most World Cups. One technique called pedalada means "pedaling" in Portuguese. Finally, Josh goes on a thrilling adventure as he tours

Rio from the sky, hang-gliding high above the city. Typically, the frame of a hang glider is composed of an aluminum alloy. Josh gets a breathtaking view of the varying landscapes of Rio de Janeiro, including the mountains and the beach.

[Educational Message: Learning local culture from the people that live in the region you are visiting can be a good way to learn something new and maybe even make a new friend.]

Airdate: 6/16/2018

Time:

Duration: 30:00

WILDERNESS VET

DOGS & HOGS [WDV212]

Whether they bark or oink, dogs and pigs are considered to be some of the most loyal pets, and that's why Dr. Oakley is so passionate about helping these animals. First up, Dr. Oakley is heading by helicopter to North Glacier, Alaska to visit a pack of sled dogs and perform routine checkups. Here, Dr. Oakley and her daughter Sierra work together to perform various exams on the entire pack of sled dogs. Next, Dr. Oakley is answering an emergency call about a sled dog with a potentially severe medical condition. Dr. Oakley is concerned the ailing dog has a twisted stomach, which will require surgery to treat. After an x-ray examination, Dr. Oakley confirms the suspected diagnosis and must move forward with the surgical procedure. Next, Dr. Oakley is on her way to a local farm to perform castrations on a group of piglets. Dr. Oakley and her team have to battle the elements as the weather takes a turn for the worse. Finally, Dr. Oakley is visited by a pet Vietnamese pot-bellied pig in need of a hoof trimming. Due to the dominant personality and nature of pot-bellied pigs, Dr. Oakley must sedate the patient in order to perform the procedure safely.

[Educational Message: It's important that we always treat animals with compassion and respect. All life is important, no matter how big or small.]

Airdate: 6/16/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

THE MIGHTY PACIFIC OCEAN [JDD216]

Join host Dylan Dreyer on an epic journey through the greatest ocean on Earth. We'll dive deep into the Pacific to reveal the amazing animals, habitats, and secrets that swim beneath the waves. We'll discover how the Pacific Ocean powers the climates of the world and affects every living thing on Earth. We'll meet fearsome sharks, massive whales, playful sea lions, ghostly Manta Rays, and an endless collection of species like you've never seen before. First up, we'll meet a pod of gray whales and follow their migration route to the Baja Peninsula where they will give birth to the next generation of whales. Next, we'll come face-to-face with Great White sharks, which can grow as big as 20 feet long and weigh as much as 7,000 pounds. Next, we'll follow a group of California sea lions and learn how they can eat between 5-8% of their entire body weight in a single day. We'll also learn how sea lions are related to bears, weasels, and raccoons. Next, we'll discover more about sardines, which are rich in vital minerals and nutrients like vitamin B, phosphorus, and calcium. We'll also learn how the need for food rations during both World Wars, and decades without fishing regulations, took its toll on the sardine population and nearly wiped

them out completely. Finally, we'll follow a group of Giant Manta Rays, which have been soaring through the oceans for roughly 20 million years. We'll also learn how these Manta Rays have the largest brain of any fish in the ocean.

[Educational Message: The waters of the Pacific Ocean touch every creature in every ocean, and sustain life on land. We must do our part to keep our oceans clean and free of pollution, plastics, and waste.]

Airdate: 6/16/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

SQUARE ROOTS [NDS212]

Host Danny Seo travels to Brooklyn, New York to visit with entrepreneurs practicing urban farming by building indoor vertical farms in steel shipping containers. Specialized growing equipment and careful climate control enable container farms to produce crops year-round. Whereas outdoor farms rely on natural white light, urban farmers use colored LED lighting—blue light prompts vegetative growth while red light results in flowering. Next, Danny makes a chocolate face mask using pure chocolate, salt and almond oil. Salt is exfoliating and fights bacteria, which can help acne prone skin; and almond oil may provide relief for dry skin conditions like eczema and psoriasis. Then, Danny creates truffles with only two ingredients, avocado and chocolate. Avocados are actually single-seeded berries, not vegetables, and with almost 20 vitamins and minerals in a single serving, avocados are considered a nutrient dense food. Then, Danny shows how to upcycle old computer keyboards by using keys to personalize journals, make gift tags and create art. The layout of the QWERTY keyboard was originally designed to translate Morse code.

[Educational Message: Indoor farms use LED lighting and up to 80% less water than outdoor farms, making them a more energy efficient option. Chocolate can be used for more than a sweet treat. It is filled with antioxidants, which can benefit your skin. You don't need a ton of ingredients to make a delicious dessert. The neutral taste of avocados make them a great option to use in dessert while also providing a healthy twist. Instead of recycling an old keyboard, you can reuse the keys in a creative way to personalize something or make art.]

Airdate: 6/23/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

TOKYO IN BLOOM [213]

Host Josh Garcia sails into Tokyo, Japan and sets out to discover the sights, sounds, and flavors of this world-class city. He learns the Japanese art of flower arrangement known as ikebana. Kenzan is the spiky device used in ikebana for affixing flowers in containers. The natural qualities of the elements build the lines and drama of an arrangement. Then, he enjoys authentic Tokyo-style sushi with a master class in creating this iconic dish. Sushi is typically rice dressed with vinegar and topped with seafood or vegetables. The Japanese were the first to add vinegar to sushi rice. The most popular variations of sushi are made with tuna, salmon, or shrimp. Later, Josh explores the ancient sounds of Japan by learning to play the powerful Taiko drums! Taiko

drumming is an ancient form of communication that has evolved into a form of entertainment. Bachi is the name of the sticks used for playing taiko.

[Educational Message: If you have the time, sometimes allowing yourself to get lost in a new city can be a great way to really immerse yourself in a new place and culture.]

Airdate: 6/23/2018

Time:

Duration: 30:00

WILDERNESS VET

FARMYARD FRIENDS [WDV213]

Farms in the Yukon offer a variety of patients for Dr. Oakley, and that means every day offers new challenges. From field surgeries to physical exams, these farm calls keep Dr. Oakley busy, and she knows the animals are relying on her to keep them happy and healthy. First up, Dr. Oakley is visiting a horse suffering from stringhalt, which is defined as a gait abnormality. Dr. Oakley and her team observe the horses' gait and determine that a ligament in the horses' legs is causing its knees to lock up. To treat the horse, Dr. Oakley and her team will need to perform an impromptu surgery to sever the ligaments and prevent future complications. Next, Dr. Oakley is heading to a local farm to check on a mother cow that is not caring for its newborn calf. Here we learn how without its mother's milk, a newborn calf's health will quickly deteriorate. Dr. Oakley examines the mother cow and determines that it is suffering from mastitis, an infection of the mammary glands which prohibits the calf from nursing. Dr. Oakley treats the mother cow with a soothing balm for its inflamed udders and a round of antibiotics to stave off the infection. Finally, Dr. Oakley visits a donkey that's been having aggression issues.

[Educational Message: We can choose to make the best of a bad situation. We must believe in ourselves no matter how difficult the circumstances may be.]

Airdate: 6/23/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

ADVENTURE IN THAILAND [JDD217]

Join host Dylan Dreyer on an epic journey through Thailand's breathtaking Khao Sok National Park. We'll team up with Southern Thailand's head biologist as he protects endangered elephants and explores an intricate system of caves while looking for new species of bats. Along the way, we'll meet many amazing people who live and work in Thailand and discover what life is like in one of the most unique places on Earth. First up, we'll follow a group of conservationists and biologists that have been caring for a juvenile elephant that was separated from its herd by a group of poachers. The team is hoping that another elephant herd will take the juvenile as their own, but in order to bring them together, they'll have to better understand the natural patterns of the elephants living inside the park. Here we'll learn about the varying landscape of Khao Sok National Park, and how it is home to the oldest rainforests in the world. Next, we'll visit with native residents of the park where we'll witness deep water spearfishing, frog hunting, and learn more about day-to-day life inside Khao Sok. Next, we'll learn about a unique and traditional ceremony for the Khao Sok residents, the summoning of the forest's spirit. The locals believe the spirit protects them and that the ceremony is an opportunity to ask the spirit for favors, such as

good health and bountiful fish harvests. Next, we'll witness an incredible and dangerous treasure hunt that takes place high up the park's limestone rocks and deep within a cave. The treasure the locals are seeking is the edible Swiftlet nest. In China, these nests are a delicious delicacy and fetch a high market price. Here we learn how the Swiftlet birds construct these intricate nests from their own saliva. Finally, we'll follow our team of biologists deep in a watery cave as they attempt to capture and study an unfamiliar bat species. Here we'll learn more about how bats use echolocation to navigate the pitch-black darkness.

[Educational Message: Due to the hard work of conservationists and biologists, the amazing wildlife of Khao Sok National Park has a fighting chance for survival, and now the fragile and ancient beauty of Thailand can thrive. We must protect and treat our own environment with the same respect and hard work to ensure it thrives for generations to come.]

Airdate: 6/23/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

VOLUNTEERING AT THE SHELTER [NDS213]

Host Danny Seo teaches easy and cost efficient ways to help animal shelters, such as volunteering and donating time and household items. Approximately 1.6 million dogs are adopted out of shelters each year; and most shelters rely on donations to help offset everyday expenses, medical treatments and care for sick animals. Next, Danny makes flea repellant dog biscuits using brewer's yeast, shredded real cheese, oats and whole wheat flour. Brewer's yeast contains high levels of B vitamins, and the vitamins in combination with the specific minerals in brewer's yeast create a flea repellant component. Then, Danny cooks a sweet and savory whole wheat orzo pasta dish with raisins, onions and olives. Orzo contains almost twice as much protein as the same amount of cooked brown rice. Then, Danny uses leaves to make ceramic leaf bowls with polymer clay. The most common types of leaves found in North America are maple, sweetgum and aspen.

[Educational Message: Adopting a pet or donating money isn't the only way to help an animal shelter or make a difference in an animal's life. Donating items you have at home can help a shelter save money, and a creative way to donate time is to assist a shelter with social media exposure to help an animal find a forever home. Although orzo is actually a pasta, it can be a healthy alternative to rice. Leaves can be used for more than greenery. The unique types and shapes of leaves provide a diverse option to express creativity, like using a leaf to imprint polymer clay for a ceramic bowl.]

Airdate: 6/30/2018

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

JAMAICAN ME HAPPY [214]

Host Josh Garcia arrives in Ocho Rios, Jamaica and he rafts down the picturesque Martha Brae River, marveling at the exotic jungle scenery. Josh tries his hand at steering the bamboo raft. Then, at a nearby plantation, he learns about Jamaica's High Mountain coffee, following the java bean's journey from farm to cup. The conditions and climate in Jamaica's blue mountains are

ideal for harvesting coffee. It takes three to five years for a coffee tree to reach maturity. Coffee berries are pulped to separate the pulp from the beans, then the beans are washed to remove any mucilage, a viscous protein produced by nearly all plants, and then the beans can be roasted. Later, Josh visits a famous jerk chicken restaurant, and explores the spicy flavors that make this iconic dish a world-wide favorite. Jerk chicken is seasoned with a mixture of dry seasonings instead of being marinated in juices and oil. In Jamaica, it is roasted on logs of allspice wood for added flavor. The wood gives the meat a smoky flavor. It takes approximately an hour and a half to roast jerk chicken.

[Educational Message: Witnessing the process by which familiar foods and ingredients are harvested and produced can be rewarding. The next time you see or have that item, you might appreciate it that much more knowing all the hard work and thoughtfulness that went into making it.]

Airdate: 6/30/2018

Time:

Duration: 30:00

WILDERNESS VET

BABY FEVER [WDV214]

It's birthing season in the Yukon, and that means Dr. Oakley's phone is ringing off the hook with calls asking for assistance with pregnant pets. For Dr. Oakley, being there for the first moments of a new animal's life is the greatest joy she gets to experience in her career. First up, Dr. Oakley is visited by a pregnant French bulldog named Saucey that is ready to give birth to her puppies. Dr. Oakley will need to perform a cesarean section on the pregnant mother in order to deliver the puppies safely. Next, Dr. Oakley heads out on an emergency call at a local farm to assist with a pregnant cow that is struggling to give birth. Dr. Oakley and the team will need to work fast to physically assist the calf's delivery, otherwise, they'll need to perform a risky cesarean section in the outdoors. Next, Dr. Oakley is spending some quality time with her daughter, Willow. Today, they are visiting a local goat farm where Willow is learning some important lessons about caring for young goats. Here, Willow gets the opportunity to learn how to properly hold and milk a baby goat. Finally, Dr. Oakley has a follow-up visit with French bulldog Saucey and her new litter of puppies. Dr. Oakley will need to perform medical exams and provide vaccinations and microchip identification for the whole litter.

[Educational Message: Life is a gift and we must treat all animals with respect and dignity. We should all do our best to leave the Earth a better place than we found it.]

Airdate: 6/30/2018

Time:

Duration: 30:00

JOURNEY WITH DYLAN DREYER

THE WILDERNESS OF INDIA [JDD223]

Join host Dylan Dreyer on a breathtaking tour of India's Kaziranga National Park. Located in the shadows of the Himalayan Mountains, we'll trek deep into the pristine wilderness of this World Heritage Site to come face-to-face with some of the most extraordinary and endangered mammals on Earth, including elephants, rhinoceros, and tigers. First up, we'll learn that Kaziranga National Park is home to Asia's "Big 5" mammals, all of which are endangered. The "Big 5"

consists of the Indian one-horned rhinoceros, the Eastern swamp deer, the Asian elephant, the Bengal tiger, and the wild Asian water buffalo. We'll also learn more about the hard work that goes into keeping the park free of poachers. Here we'll see how the caretakers at the park use a wide network of informants to alert them of poachers and protect the endangered animals from harm. Next, we'll meet an orphaned baby elephant that is being caring for by an animal keeper at a local wildlife rescue center. Here we'll watch as the keeper and his team use unique strategies to attempt to reunite the baby elephant with its herd. Next, we'll meet local residents living on the edge of Kaziranga National Park and learn more about their day-to-day lives and how they live alongside the elephants. Due to the extreme damage that elephants can inflict upon local villages and farms, we'll see how the locals use non-lethal methods in order to scare the elephants away if they ever get too close. We'll also learn more about India and how it is home to more than 1.3 billion people, and that it is also the world's largest producer of many fresh fruits and vegetables, milk, and major spices.

[Educational Message: The Kaziranga National Park is designated as a World Heritage Site by the United Nations, which means the area is recognized as being of profound natural or cultural importance to all humanity. The amazing plants and animals living in this area deserve our respect and protection.]

Airdate: 6/30/2018

Time:

Duration: 30:00

NATURALLY, DANNY SEO

HEIWA TOFU [NDS214]

Host Danny Seo travels to Maine to learn how to make tofu, which is an excellent source of calcium and iron. The process of making tofu consists of removing the fiber and protein from soybeans that have been soaked overnight to create soy milk, curdling the soy milk, separating the curds and whey, and pressing the curds into blocks of tofu. The texture of tofu is determined by its liquid content--the more liquid, the softer the tofu. Next, Danny uses lemons three different ways--to keep flowers fresh, prevent food from drying out, and make whole lemon mayonnaise dip. Adding a lemon to vase water can help prevent bacteria, which can choke the stem and leaves and shorten the life of flowers. The pith of a lemon acts as a natural sponge, so adding it to food containers can help keep food fresh by absorbing moisture. Using whole lemons in recipes has healthy benefits since lemon peel contains approximately 5 to 10 times more vitamins than lemon juice. Then, Danny upcycles a shopping bag into an instant gift bag using recyclable household materials, like aluminum foil and plastic bottles. Aluminum is 100% recyclable and maintains the same physical properties after recycling.

[Educational Message: Tofu is a versatile food that is not highly processed and has health benefits by being high in fiber and low in carbohydrates. Each part of a lemon provides a different benefit, allowing lemons to be used for multiple purposes, such as disinfecting. Turning a shopping bag into a gift bag by decorating it with recyclable materials is a unique way to help the environment and show your creativity.]

2nd Quarter 2018 PSAs

NETWORK PUBLIC SERVICE SCHEDULE APRIL 2018

AIR DATE	SHOW TITLE	HIT TIME	DURATION	MATERIAL ID	PRODUCT TITLE
20180407	JOURNEY	11:25:44 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180413	FRI-1ST LOOK-A	3:25:48 AM	0:15	ZNBC171049H	PSA 2018 TMYK Jane Lynch, NBC Hollywood Game Night
20180414	FRI-1ST LOOK-C	4:24:49 AM	0:15	ZNBC171049H	PSA 2018 TMYK Jane Lynch, NBC Hollywood Game Night
20180414	CHAMPION	9:54:36 AM	0:15	ZNBC81092H	NEWS PSA HODA HEALTH - SHORT-SIGHTED
20180414	WITHIN	11:25:59 AM	0:15	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180414	JOURNEY	3:54:52 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180420	FRI-1ST LOOK-B	4:24:34 AM	0:15	ZNBC81040H	NEWS PSA COMBO TALENT DIVERSITY - LABELS ANTHEM
20180421	FRI-1ST LOOK-C	10:57:47 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180421	WILDERNESS	11:57:20 AM	0:15	ZNBC81092H	NEWS PSA HODA HEALTH - SHORT-SIGHTED
20180421	NATURALLY	12:28:24 AM	0:15	ZNBC81005H	NEWS PSA MEGYN COMMUNITY - HIT START
20180421	HH MAYO CLINIC	10:56:24 PM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180428	WILDERNESS	11:26:32 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180428	JOURNEY	11:57:02 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180428	NATURALLY	AM	0:14	ZNBC81005H	NEWS PSA MEGYN COMMUNITY - HIT START

NETWORK PUBLIC SERVICE SCHEDULE MAY 2018

AIR DATE	SHOW TITLE	HIT TIME	DURATION	MATERIAL ID	PRODUCT TITLE
20180504	FRI-1ST LOOK-B	3:54:56 AM	0:15	ZNBC81040H	NEWS PSA COMBO TALENT DIVERSITY - LABELS ANTHEM
20180505	VOYAGER	10:25:23 AM	0:14	ZNBC81092H	NEWS PSA HODA HEALTH - SHORT-SIGHTED
20180512	JOURNEY	11:25:05 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180512	NATURALLY	11:56:06 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180512	HH MAYO CLINIC	12:28:13 PM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180519	NATURALLY	11:56:45 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180519	CHAMPION	12:55:19 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180519	WITHIN	12:55:19 PM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180519	WILDERNESS	1:55:11 PM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180526	FRI-1ST LOOK-C	4:23:47 AM	0:15	ZNBC81040H	NEWS PSA COMBO TALENT DIVERSITY - LABELS ANTHEM
20180526	VOYAGER	10:27:01 AM	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180526	JOURNEY	11:25:34 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180526	CHAMPION	12:53:20 AM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180526	WITHIN	PM	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP

NETWORK PUBLIC SERVICE SCHEDULE JUNE 2018

AIR DATE	SHOW TITLE	HIT TIME	DURATION	MATERIAL ID	PRODUCT TITLE
20180602	CHAMPION WITHIN	9:53:01 AM 10:55:35	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180602	WILDERNESS	AM 11:25:48	0:14	ZNBC81090H	PSA 2018 TMYK NEWS PSA MEGYN HEALTH - SLEEP
20180602	JOURNEY	AM 3:53:55	0:14	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180608	FRI-1ST LOOK-B	AM 12:28:13	0:15	ZNBC81007H	PSA 2018 TMYK NEWS PSA HODA COMMUNITY - VOLUNTEER
20180616	HH MAYO CLINIC CHAMPION	PM 12:55:16	0:14	ZNBC81092H	NEWS PSA HODA HEALTH - SHORT-SIGHTED
20180616	WITHIN	PM 4:23:47	0:14	ZNBC81005H	NEWS PSA MEGYN COMMUNITY - HIT START
20180630	FRI-1ST LOOK-A	AM	0:15	ZNBC81040H	NEWS PSA COMBO TALENT DIVERSITY - LABELS ANTHEM

NBC NETWORK NON-BROADCAST EFFORTS

April - June, 2018

NBCUniversal's *The More You Know* website:

Since 1989, *The More You Know* has brought the nation's most important social issues to the forefront, and remains a trusted voice for sharing knowledge to improve lives and inspire action. *The More You Know's* comprehensive website (themoreyouknow.com) includes in-depth resource and referral information on the campaign's important focus issues including:

- HEALTH – fighting childhood obesity, encouraging nutrition and physical fitness
- ENVIRONMENT – encouraging everyday actions that reduce environmental impact
- EDUCATION – recruiting new teachers and promoting their long-lasting impact
- DIGITAL LITERACY & INTERNET SAFETY - sharing online safety tips and information
- DIVERSITY – embracing differences and promoting inclusion, tolerance and respect

Also featured on site is The More You Know Learning series' *Growing Up Online*, a free eBook on digital literacy and Internet Safety. *Growing Up Online* is an important tool to initiate conversation with children about online safety. The eBook is a media-rich, two-part learning resource that provides easy-to-use information about navigating the digital world in a unique and engaging way. Part one includes safety tips, discussion questions and key takeaways for parents and teachers. Part two features four entertaining video comic books for children, focused on real situations that come up when kids go online.

Additional content on the site includes public service announcements, behind-the-scenes videos, a general overview, a talent directory, and a list of the campaign's accolades such as the prestigious Emmy and Peabody awards.

30 Rockefeller Plaza, New York, NY 10112



NBCUniversal

**NBCUNIVERSAL MEDIA, LLC
CERTIFICATION OF COMPLIANCE WITH
CLOSED CAPTIONING REQUIREMENTS FROM
APRIL 1, 2018 THROUGH JUNE 30, 2018**

I, Jean Dietze, President, Affiliate Relations, NBC Television Network, a division of NBCUniversal Media LLC, (the "Network"), hereby certify that, during the above-titled calendar quarter, all programming transmitted by the Network pursuant to the Network's affiliation agreement complied with the rules and policies relating to closed captioning of the Federal Communications Commission (47 C.F.R. §79.1, et al).

Date: JULY 2, 2018

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*.



Dear Station,

Pursuant to the Children's Television Act of 1990, "BIZ KID\$" will satisfy the FCC Children's programming requirement and can be classified as either core or non-core programming. "BIZ KID\$" serves the educational and informational needs of children 13 to 16 years of age with its program content, including the importance of understanding the economy and basic business principles. The series features teens starting their own businesses, actively solving problems and developing important life skills.

"BIZ KID\$" as delivered is formatted to allow for no more than 14 minutes of total commercial time per broadcast hour (7 minutes per half-hour). "BIZ KID\$" 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

Melissa Donohue Ed.D.

2109 Broadway, Apt. 15-127, New York, New York 10023
tel. 413-230-7870; email madonohue@gmail.com

November 18, 2012

Alex Paen
Telco Productions, Inc
2730 Wilshire Boulevard, Ste 200
Santa Monica, CA 90403

Dear Mr. Paen,

I have reviewed and designed curriculum for the series "BizKid\$," and find the financial and entrepreneurial content of the show to be of very high quality, and of high educational value. I have extensive experience in the fields of finance and financial education, including designing my own curriculum and working with PBS on lesson plans that correspond with programming, and on original financial programming. The BizKid\$ series does an excellent job of providing engaging content for teen viewers that also meets the most highly regarded educational standards. The series does a comprehensive job of explaining financial and entrepreneurial concepts thoroughly, but in a language that a teen audience could easily understand and retain. Specifically, the 13-15 age group is sophisticated enough to understand the concepts, but also young enough to enjoy the engaging humor and pop cultural references on the show.

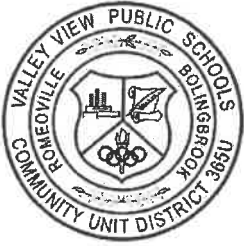
I have a great appreciation for the approach the series has taken to a range of topics from credit to saving to foreign exchange to entrepreneurship. This is a very wide range of topics, with a varying level of difficulty of comprehension. However the BizKid\$ series approaches all content very creatively, in a way that both engages viewers and educates them.

The BizKid\$ series plays a very important role in teaching financial and entrepreneurship education to teenagers. While it is clear that financial literacy is a critical need in any society, most schools do not have the resources to provide any kind of comprehensive financial education. The BizKid\$ series fills an educational void in the U.S. education system, and keeps its viewers interested and engaged while educating them.

All the best,



Melissa Donohue, Ed.D.



Brooks Middle School

350 Blair Lane

Bolingbrook, IL 60440

630-759-6340

630-759-6360 - Fax

brooks@vvsd.org

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

Dear Mr. Paen,

I teach a Family and Consumer Science course in a large and diverse middle school in suburban Chicago, Illinois, and I believe BizKid\$ appeals to a wide audience and seeks to communicate somewhat advanced concepts in the field of financial literacy in a manner, not only for young teens, but even for my middle school students in the 6th grade that they can understand and relate to.

The wide variety of topics covered on Bizkid\$ allows educators to target specific needs and use the episodes as a springboard to deeper understanding of crucial financial lessons that are too often left out of today's school curriculum. As a Career and Technical Education educator, I appreciate the tremendous value of presenting concepts such as the value of money, interest, credit, and entrepreneurship in a visual media that is engaging and leaves a lasting impression on students, and that is what BizKid\$ delivers best. With many states moving to common core standards and incorporating financial literacy within those standards, BizKid\$ is well positioned to be a valuable programming asset to any television station in America and I believe the series fulfills the FCC requirement for stations to provide an educational and informational show for children aged 13-16 years of age.

Sincerely,

Thomas Kidwell

Thomas Kidwell
Family and Consumer Science Teacher



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

Dear Alex,

After reviewing several episodes of "Biz Kid\$," I find this exceptional program a "must-see" television experience for all children, especially targeting 13 to 16-year-olds. I believe the program's content meets the FCC's educational and informational requirements for its Children's Programming E/I Act. The series offers teenage viewers practical advice and information on a wide variety of financial, business and monetary topics. The episodes include teens starting their own businesses, showing how to properly manage money, creating budgets and financial goals—all important steps in learning to become responsible adults and citizens. I highly recommend "Biz Kids\$" to television stations who want to enhance the quality of their programming.

Sincerely,

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

Brian A. Peña, MS
Adjunct Faculty
Santa Monica College



Biz Kid\$ Generic Series Description:

Biz Kid\$ is a weekly half-hour series focusing on financial literacy and entrepreneurship for teens, targeting 13 to 16-year-olds. Using a mix of strong financial education tools, dynamic sketch comedy, and inspiring true stories of young entrepreneurs, ***Biz Kid\$*** provides important information for future success. Each episode features math, language arts, and social studies as well as teaching teens about money and business.

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



JUSTICE NETWORK

JUSTICE NETWORK TELEVISION

Educational/Informational Programming

2nd Quarter 2018

The following memo details Justice Network's Educational and Informational programming compliance in the 2nd quarter of 2018. All programs are designed to meet the educational/informational requirement for children thirteen to sixteen years old. The programs are not subject to commercial limitation.

Justice Network did not pre-empt any childrens programming on a national basis at any time during the quarter.

April 1st, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

April 8th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

April 15th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

April 22nd, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

April 29th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

May 6th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

May 13th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

May 20th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

May 27th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

June 3rd, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

June 10th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

June 17th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET

June 25th, 2018

Wild Wonders: 10-10:30am ET
Walking Wild: 10:30-11am ET
Dog Tales: 11am-1pm ET



Dear Station,

Pursuant to the Children's Television Act of 1990, "WILD WONDERS 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 WONDERS 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 profiles rare and exotic animals and the unique aspects of each of these amazing creatures.

"WILD WONDERS 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 WONDERS 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.

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



Archdiocese of Los Angeles

Office of the Chancellor
Office: (213) 627-7469
Fax: (213) 627-4400

1424
Wilshire
Boulevard

Los Angeles
California
90017-1241

August 9, 2016

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

Dear Alex,

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

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

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

Sincerely,

Sister Mary Elizabeth Galt, B.V.M.

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

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

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

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

Sincerely,

A handwritten signature in 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, "WALKING 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. "WALKING WILD 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 explores the world of wild and exotic animals, how they live and are cared for at the San Diego Zoo.

"WALKING 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).

"WALKING 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.

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



Archdiocese of Los Angeles

Office of the Chancellor
Office: (213) 297-1500
Fax: (213) 297-0490

2424
Wilshire
Beverly Hills

Los Angeles
California
90024-2241

August 9, 2016

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

Dear Alex,

I have reviewed episodes of the program "WALKING 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 focuses on wild animals at the San Diego Zoo and how the staff cares for these unique creatures. The series gives teen viewers up-close looks at everything from Tasmanian Devils to Galapagos Turtles to Gibbons. Each episode explores the lives of these wild critters and provides important information about how they survive in the world.

For example, one episode explores the lives of Servals and their habitat. Another episode looks at Grizzly Bears and why these huge animals are so well-known.

I believe "WALKING WILD at the San Diego Zoo" is an educational and informative series, offering teen viewers a special view of how wild and exotic creatures live in the animal kingdom.

Sincerely,

Sister Mary Elizabeth Galt, B.V.M.

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

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 "WALKING WILD" and I am confident that it meets the educational and informational needs of children 13 to 16 years of age with its program content. The series explores all types of wild animals—from polar bears to ring-tailed lemurs--while providing important information by experts from the San Diego Zoo. Teenage viewers learn about each animals' living habits and how zoo keepers care for them.

Each episode provides details on these wild critters, from the differences of each animal species to how these animals survive in the wild. For instance, one episode explores the world of pond turtles, while another episode follows the treatment of caring for a new born giraffe.

"WALKING WILD" is educational, informative and entertaining, while providing unique looks at 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



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 our website for details).

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



DOG TALES

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

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



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,

A handwritten signature in cursive script that reads "Nancy Barr". The signature is written in black ink and is positioned above the typed name.

Nancy Barr
Public Affairs
IFAW International Headquarters

www.ifaw.org

INTERNATIONAL HEADQUARTERS
411 Main Street
Yarmouth Port, MA 02675-1843
USA
Tel: 508 744 2121
Fax: 508 744 2129

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

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 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



QUEST NETWORK TELEVISION

Educational/Informational Programming

2nd Quarter 2018

The following memo details Quest Network's Educational and Informational programming compliance in the 2nd quarter of 2018. All programs are designed to meet the educational/informational requirement for children thirteen to sixteen years old. The programs are not subject to commercial limitation.

Quest Network did not pre-empt any childrens programming on a national basis at any time during the quarter.

April 7th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

April 14th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

April 21st, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

April 28th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

May 5th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

May 12th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

May 19th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

May 26th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

June 2nd, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

June 9th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

June 16th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

June 23rd, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

June 30th, 2018

Whaddyado: 10-11am ET
Dogs with Jobs: 11am-1pm ET

SRP STEVE ROTFELD PRODUCTIONS

MEMO TO: NETWORK
FROM: STEVE ROTFELD PRODUCTIONS
DATE: JANUARY 2018
RE: FCC CLOSED CAPTIONING QUALITY CERTIFICATION

Steve Rotfeld Productions, Inc. (SRP) will certify that all programs produced and distributed by SRP comply with the quality standards that are required by the FCC for accuracy, synchronicity, program completeness, and placement. The program captioning is in compliance with the requirements of the FCC effective as of January 2018.

Closed Captioning Quality Certifications will be made available to all stations as well as the general public upon request. All such Certifications can be acquired by contacting SRP attention **Steve Rotfeld** at: steve@rotfeldproductions.com Phone: 610-520-0671; address 740 East Haverford Road, Bryn Mawr, PA 19010

Series currently in production are as follows:
WHADDYADO

Sincerely,

Steve Rotfeld
President



STEVE ROTFELD PRODUCTIONS
FCC OBJECTIVE LETTER

TO: NETWORK
FROM: STEVE ROTFELD PRODUCTIONS
DATE: JANUARY 2018
RE: **“WHADDYADO” - FCC OBJECTIVE LETTER**

“WHADDYADO” (What Do You Do) is a half-hour weekly educational series designed to inform, educate, inspire and entertain children 16 & under (**specific target audience is 13–16**) about the world around them. Each episode is an educational life-lesson, based in reality, intended to prepare young people for potential situations that could easily crop up at any time, anywhere.

Using a combination of actual dramatic footage, re-enactments, and demonstrations, **“WHADDYADO”** provides a compelling look at perilous situations that have occurred in real life. Then, using interviews with the participants, and instructions from experts, we learn what the proper reaction should be when faced with similar life-threatening circumstances. Also, in an effort to help young people make the *right* decision at the *right* time many episodes will feature a Moral Dilemma segment.

We provide a written synopsis of each episode for your FCC Children’s Television Report, each episode is close-captioned and E/I inscribed throughout.

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

Sincerely,

Steve Rotfeld
President
steve@rotfeldproductions.com



STEVE ROTFELD PRODUCTIONS



Childhood Solutions, PC

Building a strong future for children, adolescents and their families.

Jill Belchic-Schwartz, PhD ■ Suzanne Grossman Goldstein, PhD ■ Mara Kaplan-Kaliner, PhD

April 8, 2009

Series Review
Program: WHADDYADO
Episodes reviewed: #7, #15

WHADDYADO, a half-hour weekly series designed to educate, inform, inspire and entertain, does an exceptional job educating teenagers. The show's target audience is between 13 and 16 years of age, the time period when children are making the transition to becoming adults. Both theory and research demonstrate that this is the stage of life where children begin to experiment with who they are who they want to be. It's a time which is typified by feeling invincible. This sense of invulnerability is commonly coupled with withdraw from parents and authority figures which leaves teenagers susceptible to poor decision making. Therefore, this time where insight and judgment are developing, but adult influence is limited, educational programming can make an immense impact on a child's decisions. WHADDYADO provides an excellent opportunity for teenagers to learn life lessons they likely are otherwise not open to receiving.

What makes WHADDYADO such a valuable resource for teenagers is that it exposes them to real life situations. The reenactments give the audience the opportunity to develop important life saving skills. By exposing the audience to perilous situations that have actually occurred, then, using interviews with the participants, and instructions from experts, teenagers are shown what the proper reaction should be when faced with similar life-threatening circumstances this show is perfectly positioned to educate its audience. Because research demonstrates that teenagers learn best from children their own age, this show is uniquely designed to get its lessons through to teenagers. It is likely that in addition to learning the life saving lessons contained in each episode, the show will also work to minimize a viewer's belief in their immortality, a priceless lesson for all teenagers.

WHADDYADO's moral dilemma segment is an invaluable addition to the series. In these segments, teenagers are given a scenario which raises moral questions. They are then provided with an expert's analysis of the costs and benefits of various courses of action. This portion of the show touches on sensitive areas that I have yet to find in other television shows being dealt with in such an up front, open nature. By tackling these challenging issues head on,

455 Pennsylvania Avenue ■ Suite 115 ■ Fort Washington, PA 19034 ■ 215.653.0363 ■ Fax: 215.653.0361

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

www.rotfeldproductions.com

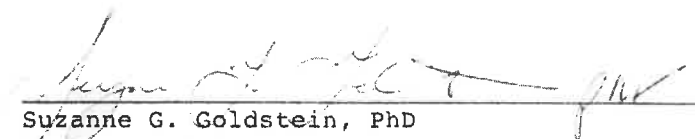
SRP STEVE ROTFELD PRODUCTIONS

WHADDYADO works to help develop the moral fiber of our nation's teenagers. These segments are a welcome educational opportunity for teenagers who are working to define themselves.

The following episode descriptions are offered to help provide concrete examples of the show's educational merit. In episode #7, a seasoned rafter gets caught in a river hydraulic and has to work out of it. The rafter compounds the problem by trying to hang onto the raft. Experts show the audience what to do if caught in the same situation: have someone throw you a rope; try to get on top of the overturned raft and curl into a ball and have the current expel you out from under the raft. In story two of that episode a young man uses his video camera as a tool in the fight against crime. He sees a man peeping into his friend's window. He calls the friend and she does not believe him. He grabs a video camera to get proof and records the peeping tom. The police are called and using the tape as evidence they are able to catch and arrest the man. Finally, in the moral dilemma segment academic dishonesty is presented and discussion of the downside of cheating on a test ensues.

In episode #15, a man is working on his car when one of the jacks gives way and the car falls on top of the man. His nephew who is nearby, hears the man's pleas for help and rushes to aid him. Small in stature, the nephew is somehow able to move the car enough for his uncle to get out. In story two of the episode a boy's leg is pierced by his bicycle brake and he removes the brake from his leg. The resulting wound is serious and the boy loses a lot of blood. Fortunately he is able to get to the hospital in time and the doctor realizing the extent of his injury is able to save his leg from permanent damage. In the tips from the expert the audience learns to: call Emergency services before doing anything; do not remove the object from the leg and to apply direct pressure to the wound. The moral dilemma involves dealing with a suspected stalker. The advice from the expert is to listen to your inner instinct, if you think you're being followed, you probably are.

As a licensed child/adolescent psychologist working in an outpatient setting with teenagers on a daily basis, I am thrilled to be able to refer families to WHADDYADO. Our teenagers need as much exposure as possible to media which helps to develop their insight and judgment both in physical and moral dilemmas. By providing teenagers with exposure to difficult situations that other teenagers have experienced and walking them through the steps to good decision making, this show's educational benefits are numerous.



Suzanne G. Goldstein, PhD
PA Licensed Psychologist



To Our Affiliates,

Pursuant to the Children's Television Act of 1990 "Dogs with Jobs" will satisfy the FCC Children's programming requirement and be classified as with core or non-core programming. This series serves the educational and informational needs of children 13 to 16 years of age with its program content. The series profiles a fascinating array of dogs and how they serve many ways to make this world a better place.

Each half hour episode is limited to 7 minutes of commercial time. No Internet web site addresses or host "selling" takes place within or adjacent to the episodes. "Dogs with Jobs" is in compliance with Sections 73.670 (a) through (d) of the FCC's guidelines.

To facilitate your FCC filings, episode synopses are available. Also available is an endorsement from the Georgia State University College of Education and Human Development which includes a robust department of Middle and Secondary Education.

If you have any questions please contact me or John Kiser at the Justice Network.

Sincerely,

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