

January 2, 2022

Dear Affiliate Partner:

To assist you in complying with the reporting requirements for children's television and the requirement that stations air "core" educational and informational children's programming, we are providing you with episode-specific descriptions ("**The More You Know**" educational and informational programming block) as set forth in the attached Quarterly Children's Programming Report for the 4th quarter of 2021. Please note that we have not included the specific dates and times for each of the programs as that information may be station-specific.

This report is divided into the following categories:

1. Educational Objectives and Show Summaries: **The More You Know** both for programs broadcast in the 4th quarter of 2021 and those planned for the 1st quarter of 2022.
2. Core Programming: Regularly scheduled programming furnished by the NBC Network that is specifically designed to serve the educational and informational needs of children ages 13-16. Each of these programs is identified on-air as educational and informational with the "E/I" icon and is similarly identified to the national listing services. Please note that the target age range for **The More You Know** programming is identified as 13-16 years old.
3. Other Programming: Programming furnished by the NBC Network that contributes to the educational and informational needs of children 16 and under, but is not specifically designed to meet the educational and informational needs of children.
4. Public service announcements targeted to children 16 and under.
5. Non-broadcast efforts that enhance the educational and informational value of NBC Network programming to children.

The regularly-scheduled children's programming and promotional content furnished to you by the NBC Network during the 4th quarter of 2021 complied with the commercial limits of the Children's Television Act, and 47 C.F.R. §§ 73.670(a)-(d), provided that you broadcast and distributed such programming as furnished to you by NBC, and did not add any promotional or advertising content thereto other than as directed by NBC via weekly postings on APT.

Despite the recent revisions to the Children's Television Programming Rules we will continue to provide this report on a quarterly basis. Please consult your legal counsel with any questions.

If you have any questions about this report, please feel free to call us.

Karen Peled
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Note Regarding FCC's Video Description Rules: The programs supplied in **The More You Know** block are video-described to provide a better viewing experience for blind or visually impaired children.

4th QUARTER 2021
EDUCATIONAL OBJECTIVES and SHOW SUMMARIES
[AGE TARGET 13-16]
October 1, 2021 – December 31, 2021

In the 4th Quarter of 2021, 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. *Roots Less Traveled* returned to the lineup in the 4th Quarter, replacing one of the two runs of *Earth Odyssey with Dylan Dreyer*. Stations continued to have the option of airing the final hour of the block (*The Voyager with Josh Garcia* and *Vets Saving Pets*) on their primary channel or on their secondary D2/D3 channel.

EARTH ODYSSEY WITH DYLAN DREYER

Earth Odyssey with Dylan Dreyer is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Earth Odyssey with Dylan Dreyer will take viewers on an incredible journey to the wildest points on the globe, uncovering the connection between the environment, the wildlife, and the human beings that surround them. Hosted by Meteorologist Dylan Dreyer, Earth Odyssey with Dylan Dreyer will reveal a new destination each week, ranging from Africa, Indochina, the Middle East, and many untamed islands around the world. Audiences will come face-to-face with fascinating native animals, some cute and some dangerous, while educating teen viewers with amazing facts about nature and wildlife. Earth Odyssey with Dylan Dreyer gives audiences a captivating look at the symbiosis between all living things, in the most larger-than-life places on Earth.

WILD CHILD

Wild Child is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Wild Child will take viewers on an adventure to meet the cutest, most curious, most fascinating baby animals on the planet. Along the journey, audiences will witness the incredible bond that exists within the animal kingdom between parents and their children. Hosted by Sheinelle Jones, Wild Child will reveal how these untamed youngsters are born, how they play, and how they learn to survive in the wild. Each week, viewers will witness a wide variety of wild animal children in their first years on Earth as they overcome environmental challenges and threats from predators.

ROOTS LESS TRAVELED

Roots Less Traveled is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. Roots Less Traveled follows two

family members, often from different generations, as they gain a newfound understanding and respect for each other on their quest to learn more about their family history. Each week on *Roots Less Traveled*, a new pair will set out on an adventure to solve a mystery in their family tree. From rumors of a relative who sailed on the Titanic, to stories of homesteaders forging a new path for future generations, our duo discovers the truth behind the tales that have been passed down in their family, while our viewers learn the personal stories behind notable historical moments. Viewers will be taken on a literal journey to unique places around the globe, learning more about the culture and history of these significant locations and events that happened there. Throughout this experience, we will witness these family members grow closer as they gain wisdom not only about themselves, but also about how their past has helped shape their present.

ONE TEAM: THE POWER OF SPORTS

One Team: The Power of Sports is a live action, half hour television program designed to meet the educational and informational needs of children aged 13-16. *One Team: The Power of Sports* features stories that focus on diversity, inclusion, and how sports often bring people together for a common goal that goes beyond the playing field. Hosted by Corey Robinson, this series shines a light on people who have used sports to overcome obstacles or to help their community. Viewers will learn the value of acceptance, and how everyone deserves a fair shot in life. No matter the level of competition, *One Team: The Power of Sports* demonstrates the impact sports can have on people, regardless of their gender, background, or the color of their skin.

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.

VETS SAVING PETS

Vets Saving Pets is a live action, half-hour television program designed to meet the educational and informational needs of children aged 13-16. *Vets Saving Pets* examines the interpersonal stories of veterinary professionals working to save the lives of animals in need of urgent medical care. *Vets Saving Pets* takes place at the Emergency Veterinary Trauma Center in Toronto, one of the busiest veterinary facilities in Canada. Each week, viewers will be exposed to new emergency cases that will teach audiences about a wide array of specialties within veterinary medicine such as critical care, oncology, cardiology, neurology, anesthesiology, dermatology, dentistry, and surgery. Audiences will witness first-hand the dedication and determination of these veterinary specialists as they work tirelessly to save their animal patients.

1st QUARTER 2022

EDUCATIONAL OBJECTIVES and SHOW SUMMARIES

[AGE TARGET 13-16]

January 1, 2022 – March 31, 2022

In the 1st Quarter of 2022, NBC will continue 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 lineup for 1st Quarter 2022 will remain the same as 4th Quarter 2021. Stations will continue to have the option of airing the final hour of the block (*The Voyager with Josh Garcia* and *Vets Saving Pets*) on their primary channel or on their secondary D2/D3 channel.

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“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]

October 1, 2021 – December 31, 2021

Airdate: 10/2/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

EXTREMELY WILD [EDD401]

Today on Earth Odyssey, host Dylan Dreyer takes us on a trip to visit the most extreme places on Earth. First up, we'll take a journey to the mountains of Southern China to find the animals that survive and thrive in a most unforgiving environment. In the high-altitude forests, we'll discover a strange primate that roams the frozen landscape, the snub-nosed monkey. Capable of withstanding the punishing conditions, we'll learn that snub-nosed monkeys live at the highest altitude of any primate on Earth. Living in colonies of around sixty individuals and isolated on mountain tops, we'll discover how snub-nosed monkeys have uniquely evolved to cope with the extreme conditions of Southern China. Next, we'll travel to Northern Africa to the Sahara Desert to find the unique wildlife that call this harsh region home. Roughly the size of the United States of America, the Sahara Desert is a treacherous place to live given its extreme temperatures and constant sandstorms. Here we'll discover a creature that is supremely adapted to the severe desert conditions, the sandfish. We learn that sandfish are actually a type of skink species. While they will spend most of their lives underneath the sand, sandfish rely on the sun to recharge their bodies as they are cold-blooded lizards. We'll discover how the sandfish's uniquely adapted body allows the creature to effortlessly "swim" underneath the desert sands to avoid predators. Finally, we'll visit a frozen land of ice and tundra known as Svalbard. Here we'll meet the world's largest land predator, the polar bear. We'll learn that more than 2,500 polar bears call this frozen wilderness their home. Standing up to ten feet tall, we'll discover that polar bears are the largest bears and can weigh over 1,000 pounds more than brown bears. Today we'll follow a male polar bear in search of his next meal. We'll find out that four inches of fat and hollow fur insulate the bear from the extreme arctic climate.

[Educational Message: In this episode, we discovered life on the edge in the most extreme places on Earth. While others might not dare to venture into these uncompromising locations, the animals that live there have adapted to make these places a home for themselves and their families.]

Airdate: 10/2/2021

Time:

Duration: 30:00

WILD CHILD

AWWW-STRALIA [WLC201]

Today on Wild Child, host Sheinelle Jones leads us on an adventure down under to discover the cutest and youngest animals living in Australia. While Australia might be the world's smallest continent, it has some of the animal kingdom's biggest characters. More than eighty percent of its plants, mammals, reptiles, and frogs can only be found on this massive and isolated island. First up, we'll start the day with a family of

eastern grey kangaroos as they begin their morning routine. We'll learn that when kangaroos are first born, the youngsters are only roughly the size of a jellybean. While they are surrounded by grass, these babies won't start having a nibble until they leave their mother's pouches at around ten months old. In the meantime, these babies will continue to enjoy their mother's milk. We'll learn that mother kangaroos produce two different types of milk for each stage of their joey's growth. We'll also discover that once a joey has left the pouch, often its mother gives birth to another joey that has been lying dormant so she can have two joeys suckling on her at once. Next, we'll join a family of emus to discover how this bird species survives and thrives in the Australian bush. We'll discover that there are over six hundred locations in Australia named after the emu. Here we'll witness the next generation of emus learning the fine points of bush dining from their parents. However, when it comes to raising the babies, the dads do all the work. These emu chicks might be small now, but eventually they'll grow up to be the second largest birds in the world. To reach this massive size, they'll pack on a variety of insects, fruits, grass, and seeds.

[Educational Message: In this episode, we discovered more of Australia's remarkable and rare animal families. Many of these species aren't found anywhere else in the world, which makes their indelible connection to the land all the more unique and amazing.]

Airdate: 10/2/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

THE DESIRE FOR FREEDOM [RLT302]

Today on Roots Less Traveled, host Faruq Tauheed takes siblings Mary and Kevin to the Bluegrass State, Kentucky. Mary and Kevin will first visit the Washington County Courthouse in Springfield, Kentucky, which is just up the road from the birthplace of Abraham Lincoln. Completed in 1816, we'll learn that the Washington County Courthouse is the oldest courthouse in use in Kentucky. We'll find out that Mary and Kevin's ancestors were previously enslaved and fought for their freedom in a series of court cases prior to the Emancipation Proclamation. We'll discover that since most African Americans were enslaved in the decades prior to 1870, the majority were not recorded in the censuses before that year. Kevin and Mary will continue their journey of discovery as they learn the details of their family's hard-earned journey to freedom.

[Educational Message: In this episode, Mary and Kevin learned about the passion and dedication of their relative Charlotte Pyles as she fought for her family's freedom. Charlotte became an anti-slavery activist and befriended notable people such as Susan B. Anthony and Lucretia Mott, who were fighting for the rights of women to vote. Learning these incredible stories brings Mary and Kevin closer to their past than ever before.]

Airdate: 10/2/2021

Time:

Duration: 30:00

**ONE TEAM: THE POWER OF SPORTS
BALL IN THE FAMILY [TPS201]**

First, Olympians discuss why they love their sport, how they train for the Olympics, and what they have learned about themselves through training and competing. The first Olympic race was in Greece in 776 B.C. Next, water polo player Maggie Steffens discusses the importance of supporting and relying on her teammates and how her individual records wouldn't be possible without a team that works together. Women's water polo became an Olympic sport at the 2000 Summer Games in Sydney, and the pool in an Olympic water polo game must be at least six feet, seven inches deep. Then, we hear how a baseball team, the Fukushima Red Hopes, helped restore hope and life to Fukushima, Japan after destruction from a tsunami and nuclear meltdown by rebuilding and creating a new team. The Japanese equivalent to MLB is the Nippon Professional Baseball (NPB), and the Yomiuri Giants are the oldest team in the NPB and are known as the "Yankees" of Japanese Professional Baseball.

[Educational Message: Sports can teach life lessons that can be applied off the field, such as determination, communication, leadership, accountability, and confidence. Viewers learn about the diverse sports featured in the Olympics and how athletes train for each, the importance of working together as a team, the history of women's water polo, and the history of baseball in Japan.]

Airdate: 10/2/2021

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-faced 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: 10/2/2021

Time:

Duration: 30:00

**VETS SAVING PETS
HOT DOGS AND WEASELS [VSP201]**

Today on Vets Saving Pets, a dachshund arrives at the clinic with back pain, a collie needs a dental visit, and a ferret suffers from the flu. First up, Burger the dachshund is brought to the Veterinary Emergency Clinic suffering from pain and walking issues. Dr. James, the clinic's neurologist, performs a neurological exam to determine the extent of Burger's back issues. Dr. James, suspecting that the issue is caused by a compressed spinal cord, performs a CT scan on Burger. When the CT scan results reveal a severe issue with Burger's spine, Dr. James determines that immediate surgery is needed to fix the problem. Next, a Collie named Abbey arrives at the clinic suffering from dental issues. After meeting with Dr. French, the clinic's veterinary dentist, it is determined that Abbey has a condition known as gingival hyperplasia. Here we'll learn that gingival hyperplasia is an overgrowth of gum tissue around the teeth, which is typically a symptom of poor oral hygiene. Dr. French will perform a surgical procedure to remove the excess gingival tissue to restore Abbey's normal gum line. In order to prevent this condition from reoccurring, Dr. French will prescribe medications and daily toothbrushing to improve Abbey's oral hygiene. Finally, a pet ferret named Jet visits the clinic with breathing problems. Dr. Bryer, the clinic's head emergency veterinarian, meets with Jet to determine the cause of his breathing issues. As the ferret's owners have just recovered from the flu, Dr. Bryer is concerned that Jet may have also contracted the influenza virus. Here we learn that both humans and ferrets contain a genetic mutation that specifically makes them susceptible to influenza. After performing X-ray scans on the patient, Dr. Bryer confirms that Jet is suffering from influenza and prescribes a nebulizer treatment to aid his recovery.

[Educational Message: Education is a vital component of working in the field of veterinary medicine. Having a diverse background in various species and breeds of pets is important for a successful career. It is critical for veterinarians to seek additional knowledge and new information to better understand and treat all types of pets.]

Airdate: 10/9/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

AWESOME ADAPTATIONS [EDD402]

Today on Earth Odyssey, host Dylan Dreyer takes us on an adventure around the world to discover the animals that have developed the cleverest adaptations. First up, we'll meet the macaques that thrive on the shores of the Thailand coastline. Long-tailed macaques, thanks to their adaptability, are thought to have learned to fish due to shifting food sources. Here we'll witness as the macaques use rocks and other tools to harvest their food from clams and other mollusks. We'll learn that like humans, long-tailed macaques can be either left-handed, right-handed, or ambidextrous. Next, we'll travel to the mountains of Ethiopia to learn more about one of the planet's most notorious scavengers, the Lammergeier vulture. We'll discover that this vulture has devised an intelligent technique to assist with its unique dietary requirements. Sporting a wingspan of ten feet, the Lammergeier vulture is one of the world's largest birds. It's also the only creature on the planet with a diet made up mostly of bones. We'll learn that the Lammergeier vulture has a highly acidic stomach, enabling it to completely digest solid bone. Here we'll witness how these remarkable birds have developed an intelligent strategy to consume even the biggest bones. Finally, we'll travel to the beaches of Japan to discover a uniquely adapted primate, the Japanese macaque. We'll find a group of macaques that have evolved a culinary preference for washing their food before eating. Using their highly dexterous fingers, these macaques clean, peel, and even season their food by dipping it in the salty water between bites. We'll discover that this fascinating behavior was self-taught and demonstrates a very high level of intelligence.

[Educational Message: When the natural world is left to forge its survival, extraordinary adaptations, behaviors, and evolutionary tricks occur. The fine balance between life and death is constantly played out in the wild. Those who adapt reap the rewards and become nature’s survivors.]

Airdate: 10/9/2021

Time:

Duration: 30:00

WILD CHILD

COMING OF ASIA [WLC202]

Today on Wild Child, host Sheinelle Jones leads us on a journey to Asia to spend the day with the newest generation of animal babies. At seventeen million square miles with a myriad of diverse ecosystems, Asia’s sheer size supports a seemingly endless variety of wildlife. First up, we’ll start the morning in a suburban community to spend the day with a litter of pug puppies. We’ll discover that pugs date back to the Han dynasty of ancient China. The Han dynasty is known for scientific advancements including the invention of paper. With their squishy cheeks and charming personalities, pugs were once prized by the emperors of China. We’ll discover that pugs were reserved for royalty and only given as gifts to those outside the imperial court in ancient China. Here we’ll follow along as the newest pug puppies explore their very own backyard empire. Next, we’ll travel to the coastlines of Asia to join a pod of spinner dolphins. We’ll learn that spinner dolphins live up to their name as they are famous for their aquatic tumbling skills. Researchers believe that spinner dolphins spin as a form of communication. With its mom guiding the way, we’ll witness how baby spinner dolphins perfect their spinning techniques in a vast ocean playground.

[Educational Message: In this episode, we spent the day with the extraordinary animals of Asia. From the heights of the Himalayas to the depths of the Pacific, animals from all walks of life have learned to thrive in every corner of this incredible continent.]

Airdate: 10/9/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

FINDING FREEDOM IN SOUTH JERSEY [RLT301]

Today on Roots Less Traveled, host Faruq Tauheed takes first cousins Damon and Patty to learn about an historic free Black community living side by side with Quaker abolitionists in New Jersey. Damon and Patty will first go to Evesham Township, New Jersey where they will discover more about the Cropwell Friends Meetinghouse. Built in 1809, this church was established by the Quakers as a place to gather for worship each Sunday. We’ll discover that Quakers, also known as the Religious Society of Friends, have been in America since the 1650’s. In 1688, Quakers were the first religious body to condemn slavery in the English colonies. Finally, Damon and Patty will visit an historic chapel built in 1799 that played an important role in the Underground Railroad. We’ll learn that the Underground Railroad included a series of safe houses providing refuge for enslaved people. Here, Damon and Patty will discover their own family’s unique connection to the Underground Railroad.

[Educational Message: Connecting with our past helps us connect to parts of ourselves that we didn’t know existed. In this episode, Damon and Patty found an incredible family connection to the Underground Railroad. Better understanding their family history has provided both Damon and Patty with a new sense of pride in the roots.]

Airdate: 10/9/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

STRIDE BY STRIDE [TPS202]

First, long distance runner Aliphine Tuliamuk discusses her passion to inspire younger generations to defy the odds and not give up by telling her story of growing up in rural Kenya without shoes to eventually becoming a U.S. citizen and Olympic runner. Next, Olympic fencer Lee Kiefer talks about the difficulty in deciding when it's time to retire from the sport that has impacted her life so greatly. Women's fencing premiered in the 1924 Paris Olympics, and fencing is a rare combat sport in that it doesn't have a weight class. Then, diver Jordan Windle tells his story of being adopted from Cambodia, how his father has encouraged him to stay connected with his Cambodian roots to help those with fewer opportunities there, and how his Olympic success offers a platform to do that. Competitive dives are performed on a platform that is either 5 or 10 meters high; and scoring typically considers 3 elements of a dive: the approach, the slight, and the entry.

[Educational Message: Embracing who you are helps set you apart from others— remembering where you started and what you went through to achieve your goal is important in remaining humble and successful. Viewers learn about what it takes to become a long-distance runner, the history of fencing, and the importance of giving back to those with fewer opportunities.]

Airdate: 10/9/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

TOP OF THE WORLD [VJG201]

Host Josh Garcia voyages north to Alaska and takes a train to the quaint Alaskan town of Talkeetna, in the shadow of Denali, the tallest peak in North America. Curious about Alaska's passion for sourdough, Josh first visits a local bakery where he discovers why this celebrated bread is the toast of the town. Sourdough has been traditional in Alaska since the pioneer days, when commercial yeast wasn't available and a sourdough starter was needed for bread to rise. Sourdough is a culture and a naturally occurring yeast. Then 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. Then, a team of Iditarod sled dogs takes Josh for the ride of his life!

[Educational Message: Across generations, cultural practices and traditions can transform and take on new functions to adapt to modern practices and ways of life. In time, something that once felt outdated could later feel significant again under a new use in modern culture.]

Airdate: 10/9/2021

Time:

Duration: 30:00

VETS SAVING PETS

A BONE TO PICK [VSP202]

Today on Vets Saving Pets, a French bulldog has a broken leg, an elderly dog arrives at the clinic for a dental visit, and a chihuahua needs a heart exam. First up, a French bulldog puppy named Spartacus arrives

at the Veterinary Emergency Clinic suffering from a broken leg. Dr. Boyd, the clinic's surgeon, examines Spartacus' X-rays to determine the extent of his injury. Dr. Boyd discovers a serious issue with Spartacus' knee that will require immediate surgery. Since bulldog breeds are at a higher risk of complications while under anesthesia, Dr. Boyd will first need to examine Spartacus' soft palate to ensure he's healthy enough to undergo surgery. Once Spartacus is cleared for surgery, Dr. Boyd begins the process of stabilizing his broken leg using surgical screws and wires. Next, an elderly toy Poodle named Timmy is brought to the clinic for a dental checkup. After meeting with Dr. French, the clinic's veterinary dentist, it's determined that Timmy is suffering from periodontal disease. Here we'll learn that periodontal disease is a serious infection of the gums that can be life threatening if not treated. Timmy will be anesthetized and undergo surgery to remove his infected teeth and treat the periodontal disease. Finally, a chihuahua named Peewee is brought into the clinic for a heart checkup. Peewee has suffered from heart disease and meets with Dr. Williams, the clinic's cardiologist, to determine the extent of his congenital heart defect. After performing an ultrasound procedure, Dr. Williams confirms that Peewee's heart issues have not worsened and prescribes medication to manage his condition.

[Educational Message: While veterinarians are here to help our furry friends in need, we also have a responsibility to our pets. It's important that we always treat our pets with compassion and provide the care they need to live a healthy life.]

Airdate: 10/16/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

NATURE'S GIANTS [EDD403]

Today on Earth Odyssey, host Dylan Dreyer takes us on an adventure around the globe to find the most colossal creatures of the wild. First up, we'll travel to the Arctic to find the largest land carnivore on the planet, the polar bear. We'll discover that each year, the Arctic has one full day of darkness and one full day of sunlight due to the Earth's tilt. In this environment, being a big beast with a big appetite requires some serious adaptations. Despite weighing in at over 1,000 pounds, polar bears are known to be excellent swimmers. We'll learn that a thick layer of fat helps to keep them warm in the freezing waters. Here we'll witness how polar bears use their incredible stealth and camouflage to stalk seals on the sea ice. Next, we'll discover the largest animal on our planet, the blue whale. Growing to over 100 feet long and weighing 330,000 pounds, the blue whale outranks even the biggest dinosaurs. We'll discover that at birth, blue whales weigh over 5,000 pounds. Here we'll learn more about the fascinating migratory patterns of blue whales living in our planet's oceans. Finally, we'll journey to the Amazon to learn more about a predator that calls these waters home, the giant river otter. Giant river otters spend most of their time hunting. Nicknamed the "river wolf," the giant otter's size and speed allows it to compete for fish and even piranha. Moving and working as a pack, giant river otters are able to corral fish before easily picking them off one by one. We'll also learn more about the family dynamics of giant river otters as they guard their dens and protect their young from predators.

[Educational Message: In this episode, we discovered more about the giants of the animal kingdom. From massive mammals in the Arctic, to the seismic sea creatures of the oceans, these animals have been large and in charge for thousands of years.]

Airdate: 10/16/2021

Time:

Duration: 30:00

WILD CHILD

AFRICAN ANIMALS [WLC203]

Today on Wild Child, host Sheinelle Jones takes us on an adventure to Africa to discover the newborns of the savanna. As home to the hottest country, the longest river, and the most dangerous reptiles, Africa is truly a land of extremes. Boasting the biggest land animals on the planet, Africa's incredible giants are large and ready to take charge right at birth. First up, we'll start the morning with a massive mammal, the African buffalo. Like most cattle, these enormous bovines are gregarious, happily living together in large groups. We'll discover that some herds can contain more than one thousand individuals. Here we'll learn about the advantages of being part of such a large community. Aside from safety in numbers, we'll find out that knowledge of suitable grazing spots is shared so that the whole herd can join in on the feast. Grass is the preferred cuisine for African buffalo, but they will also eat various herbs and shrubs should the need arise. Next, we'll learn more about another iconic African mammal, the zebra. We'll join a mother zebra as her foal enjoys a breakfast suckle. Zebra foals do start eating grass by the time they're three years old but will continue to drink its mother's milk for several months. We'll learn that mothers form a strong bond with their youngsters in order to survive the extremes of Africa. As they grow older, zebras who display the most vigilance become the highest-ranking leader in the herd. We'll also learn that within a herd, zebras also have multiple smaller family groups.

[Educational Message: In this episode, we discovered more about the incredible wildlife Africa has to offer. From the most massive mammals, to the pint-sized primates, the care that a mother has for her newborn is on full display in the wilds of Africa.]

Airdate: 10/16/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

AKIN TO AMBITION [RLT303]

Today on Roots Less Traveled, we're looking back on three inspiring family journeys. First, Faruq takes uncle and nephew Al and Jr on an ancestral trip to Havana, Cuba. Here Al will learn that his grandfather, Joseph Barlow, owned and developed thirty-four blocks of downtown Havana. We'll discover more about the history of Cuba and how after a 54-year-long dispute, Cuba and the United States re-established their diplomatic relations in 2015. Next, Faruq will take half-siblings Michelle and Rob to Mexico City. Here they will discover that they are related to the Uruchurtus, a very famous Mexican political family. Their journey includes a trip to the ornate National Palace where they learn that their second cousin Ernesto gave the keys to Mexico City to President John F. Kennedy. Finally, Faruq takes the mom and son duo, Sharee and DeVonn, on a trip to Nashville, Tennessee. At a visit to the Tennessee Supreme Court, Sharee and DeVonn will learn that their four-times great grandfather Larkin Ford was a part of an 1840s landmark Tennessee court case. Remarkably, we'll learn that Larkin Ford prevailed and was awarded the very same farm that he worked on as a slave.

[Educational Message: Connecting with our past helps us connect to parts of ourselves that we didn't know existed. In this episode, we looked back on some of the most incredible moments of family discovery. Better understanding our past can help us learn more about ourselves and where we come from.]

Airdate: 10/16/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

LEVELING THE PLAYING FIELD [TPS203]

First, we meet hockey players Sawyer and Simon Seidl, who grew up in Minnesota after being adopted from the Congo, and learn how they didn't let negative comments or doubts from others because they were different affect their game. In 1984, Grant Fuhr became the first black hockey player to win the Stanley Cup. Next, Kirsten Grohs explains her role as manager of football administration for the Atlanta Falcons and discusses opportunities for women in the NFL. There are 32 NFL franchises, and Katie Sowers became the first woman to coach in a Super Bowl in the 2019 season with the 49ers. Finally, we meet three English soccer players and hear how their humble beginnings playing soccer in cages in south London influenced their successful soccer careers by teaching them to make the most of every opportunity and not get distracted by unwanted influences. Modern soccer was said to be invented in England in 1863, and there are over 5,000 teams in the English football system, with different tiers depending on the caliber of play.

[Educational Message: Don't be afraid to break barriers and be the first to do something—paving the way for future generations can be just as historic as winning gold. Viewers learn about what it takes to be a successful youth hockey player, the impact women are having on the NFL, the importance of making the most of an opportunity, and the training and drive necessary to become a soccer player.]

Airdate: 10/16/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

CARIBBEAN GEM [VJG210]

Host Josh Garcia spends the day ashore in Amber Cove exploring the Dominican Republic's national treasures. First, he discovers the natural wonder of amber, an indigenous gem that dates back millions of years. Amber is the second national stone in the Dominican Republic and fossilized amber can be found in the region. Next, he teams up with a local restaurateur and learns how to make sancocho, the island's epic national dish. Sancocho is a popular Latin American dish that has different variations across different cultures. It is believed that sancocho originally came from the people of the Canary Islands. Fascinated by the country's success in major league baseball, Josh visits a premier sports academy and trains with its heavy hitters. Baseball is the Dominican Republic's national sport and has the highest percentage of Major League Baseball players in the world. Players traditionally start training at the age of thirteen. Josh learns some of the basics of hitting, pitching, and rounding the bases.

[Educational Message: Different variations of the same concept or idea can exist simultaneously in different cultures at one time. While each culture has its own spin or take on certain food dishes, these dishes can be more similar than you might think given that they share similar cooking techniques and practices.]

Airdate: 10/16/2021

Time:

Duration: 30:00

VETS SAVING PETS

A SIGHT FOR SORE EYES [VSP203]

Today on Vets Saving Pets, an accidental fall leaves a Chihuahua with a broken leg, a bulldog has chronic eye issues, and an aging pup is having trouble walking. First up, a Chihuahua named Reilly is brought into the clinic after an accidental fall. Dr. Boyd performs X-rays on Reilly that reveal he has a serious broken bone in one of his front legs. Due to the severity of the broken bone, Reilly will need to be brought into surgery immediately to repair his leg. Dr. Boyd will have to insert a special plate and screws along the broken bone to stabilize the leg and ensure a successful recovery for Reilly. Next, a bulldog mix named Honey visits the clinic with complications from an entropion condition. We'll learn that entropion occurs when the eyelid rolls inward against the eyeball, resulting in severe irritation and vision problems. Today, the clinic's ophthalmologist, Dr. Gray, will need to perform surgery to prevent the entropion from causing further damage, even blindness. Dr. Gray will have to carefully remove the excess skin from Honey's eyelids and suture them in the correct location to avoid any recurrence of entropion. Finally, an aging dog named Sylvester arrives at the clinic with mobility issues in his hind legs. Dr. James, the clinic's neurologist, will examine Sylvester to determine if he is suffering from a neurological or orthopedic issue. After ruling out any orthopedic problems, Dr. James explains the other potential causes of the neurological condition. In order to better determine the specific reason of his mobility issues, Dr. James orders an MRI exam.

[Educational Message: We are constantly presented with new challenges in life and we must try our best to overcome those obstacles. It's important to never give up on your goals and always work hard until you achieve them.]

Airdate: 10/23/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

FROZEN KINGDOMS [EDD404]

Today on Earth Odyssey, host Dylan Dreyer takes us on a trip to find the animals living in the coldest places on the planet. First up, we'll travel to the highest and most extensive mountain range system, the Alps. The Alps are home to an estimated 30,000 animal species and roughly 13,000 plant species. Here we'll meet a unique creature that calls this region home, the Alpine marmot. Too small to face winter above ground, marmots will live in dens during the coldest times of the year. We'll learn that alpine marmots prefer a diet of foods considered high in fatty acids. These marmots must double their weight in order to survive the winter. We'll witness how Alpine marmots search for food while also avoiding predators in the harsh landscape. Next, we'll journey to Northern Alaska to learn more about a family of Arctic foxes. Arctic foxes are monogamous and will typically mate for life. We'll learn that furry soles keep Arctic fox's feet protected from the snow and ice. We'll also discover that short ears and a short muzzle reduces surface area, minimizing heat loss. Here we'll witness the fascinating hunting techniques used by Arctic foxes to find food in the deep Alaskan snow. Finally, we'll travel to the frozen forests of Europe to find a supremely secretive hunter, the Eurasian lynx. For half the year, these ancient woodlands are blanketed in snow, which makes finding food incredibly challenging. However, the Eurasian lynx has some clever adaptations to see it through the winter. Long legs with snowshoe-like paws help the lynx move effortlessly through the snow. We'll discover that in the summer, this adept hunter can bring down prey more than four times its own size. Here we'll witness how this incredible predator survives and thrives during the coldest months of the year.

[Educational Message: In this episode, we found the animals that thrive in the coldest places on our planet. Their survival is a testament to nature’s ability to adapt to any circumstance, even the most challenging.]

Airdate: 10/23/2021

Time:

Duration: 30:00

WILD CHILD

THE FALL YEARS [WLC204]

Today on Wild Child, host Sheinelle Jones leads us on a journey around the planet to find the animal families of autumn. First up, we’ll travel to China to learn about one of its most famous natural treasures, the giant panda. We’ll get up close and personal with a baby panda and its mother as they start their morning. Giant panda cubs are dependent on their mothers for the first six months of life. We’ll learn that pandas are considered mature between four and eight years of age. While pandas have been extensively studied, scientists don’t know exactly why they have black and white markings. We’ll also discover that giant pandas are not only great swimmers, but they’re also excellent climbers. Remarkably, unlike other bears, pandas do not hibernate during colder months. Next, we’ll learn that animals of all walks of life come into the world during autumn, including crocodiles. Known as the largest living reptile on the planet, we’ll learn that adult saltwater crocodile’s teeth can grow up to five inches long. Although when their lives start out, baby crocodiles are not quite as formidable. Here we’ll follow along with saltwater crocodile hatchlings as they take their first swim. Testing out their instinctive hunting skills, these baby crocodiles go on the lookout for frogs and small aquatic insects. We’ll learn that these babies won’t reach maturity until roughly fourteen years old. Once fully grown, adult saltwater crocodiles have the strongest known bite pressure of any animal on the planet.

[Educational Message: In this episode, we went on an autumn adventure to learn more about the animal babies of our planet. Seeing nature’s changes on full display and the animals that give it life, fall is a wonder to behold.]

Airdate: 10/23/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

FAMILY SURPRISES [RLT304]

Today on Roots Less Traveled, we’re taking another look back on three incredible family journeys of discovery. First, Faruq takes aunt and nephew Tammy and Julian on a cosmopolitan adventure in Brooklyn, New York. Tammy and Julian’s journey begins when they learn that they are related to undertaker John Baisley, who helped the city bury its dead during the Yellow Fever epidemic in 1856. We’ll learn that while many were fleeing the city, John Baisley stayed in Brooklyn to help nurse the sick and dying, in most cases rendering his services without expecting or receiving any pay. Next, Faruq takes brother and sister Ashley and Elliott back to their grandparents’ hometown of Martha’s Vineyard, Massachusetts. Ashley and Elliott soon discover that their three-times great-granddad, Samuel Osborn, went from debtor’s prison to owning a fleet of whaling ships. Not only did Samuel Osborn represent an incredible “rags to riches” story, but we’ll also find out he was hailed as a local hero in 1871. Finally, Faruq takes father and daughter Paul and Kalina to the Civil War battleground of Port Republic, Virginia. Here they will discover Paul’s great grandfather, Austin D. Springer, was a drummer boy for the Union Army. In order to better understand the conditions

soldiers faced during this time, Paul and Kalina will join a Civil War re-enactment group to learn what it took to live as a soldier in the Union Army at that time.

[Educational Message: In this episode, we took a look back at some of the most incredible stories of family discovery. By better understanding our family roots, we're able to form a stronger connection to our past and our present.]

Airdate: 10/24/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

OUT OF THE ROUGH [TPS204]

First, we learn how NFL players have used the long off season to give back to their communities and support causes that promote education and opportunity for the next generation. Next, Noor Ahmed shares her experience being the only Muslim golfer on the University of Nebraska's golf team and the first Division 1 golfer in the U.S. to play while wearing a hijab, and her teammates discuss the impact Noor has had in teaching them about acceptance. Less than 1% of Nebraska's population identify as Muslim, and a hijab is the traditional covering for the head and neck that is worn by Muslim women. Then, we hear how a baseball team, the Fukushima Red Hopes, helped restore hope and life to Fukushima, Japan after destruction from a tsunami and nuclear meltdown by rebuilding and creating a new team. The Japanese equivalent to MLB is the Nippon Professional Baseball (NPB), and the Yomiuri Giants are the oldest team in the NPB and are known as the "Yankees" of Japanese Professional Baseball.

[Educational Message: Greatness can be defined in more ways than winning a gold medal--it can be achieved by being a leader, supporting others, and not giving up. Viewers learn the importance of giving back to your community, about Muslim culture, and the history of baseball in Japan.]

Airdate: 10/23/2021

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: 10/23/2021

Time:

Duration: 30:00

VETS SAVING PETS

THAT'S NO KNEE [VSP204]

Today on Vets Saving Pets, the vets are visited by a rescue puppy with a nagging knee problem, an elderly Golden Retriever is in need of physical therapy, and a cat arrives with respiratory problems. First up, Luke the puppy is visiting the Veterinary Emergency Clinic with a limping problem. Dr. Boyd, the clinic's veterinary surgeon, performs an exam and determines that the canine's kneecap has been slipping out of place. After an X-ray confirms the diagnosis, Dr. Boyd will need to perform surgery on the puppy to realign the kneecap in the proper position. For this procedure, Dr. Boyd will utilize a special implant and pins to secure the kneecap in place. Here we learn more about the delicate and precise skills required for surgeons to successfully treat their animal patients. Next, an aging Golden Retriever named Brody arrives at the clinic for rehabilitation as a result of chemotherapy treatments. Brody will be meeting with Dalida, the clinic's canine masotherapist, for various physical therapy exercises. Due to his muscle loss and inability to maintain regular walks, Dalida will be utilizing hydrotherapy. Here we learn that hydrotherapy takes stress off the joints and will help Brody regain range of motion and strengthen his muscle mass. Finally, a cat named Titan visits the clinic suffering from breathing issues. Dr. Martin, an internal medicine veterinarian at the clinic, will be examining Titan to determine the cause of the respiratory problems. After performing a CT scan on Titan, Dr. Martin orders a lung wash to be administered to find out whether or not the issue could be related to cancer. Tests confirm that Titan does not have cancer and will be prescribed medication to treat the inflammation in its lungs.

[Educational Message: It's important that we always treat animals with compassion and empathy. Veterinarians go above and beyond to keep our furry friends happy and healthy. We must not forget that all life is important, no matter how big or small.]

Airdate: 10/30/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

INGENIOUS ANIMALS [EDD405]

Today on Earth Odyssey, host Dylan Dreyer takes us around the world to find the most ingenious creatures of the animal kingdom. First up, we'll travel to the edge of the Sahara Desert to Senegal where we'll find a troop of chimpanzees. We'll discover that there are an estimated 300,000 chimpanzees in the wild. Living in this region of Africa for generations, these chimpanzees have slowly learned ways to adapt to this often-hostile environment. During the dry season, finding food and water in this harsh landscape can be a difficult task. Luckily, the older members of the troop have experienced dry weather like this before and know exactly where to find a drink. Here we'll witness the incredible intelligence of chimpanzees as they dig for water in dried riverbeds. Next, we'll travel to the plains of Sri Lanka to find a creature that never forgets, the elephant. These arid plains are home to one of the largest populations of wild elephants on Earth. Groups of elephants are led by a matriarch, the oldest and wisest elephant in the herd. Here we'll witness how the eldest members of the group use their supreme intelligence and memory to lead the herd to more fertile feeding grounds. Every dry season, herds of elephants retrace their own ancestral pathways towards a vast lake known as the Minneriya Tank. We'll learn that at the peak of the season, as many as three hundred elephants gather on these shores to drink and bathe. Finally, we'll visit the coastline of the Atlantic Ocean to learn more about an incredible bird species, the white stork. The area known as the Iberian Peninsula is home to the only colony of cliff-nesting white storks in the world. We'll discover that white stork nests are sturdy enough to withstand the extreme location as the same nesting sites are used year after year. These

massive nests measure up to six feet wide, ten feet deep, and can weigh over one thousand pounds. Here we'll witness how white storks work as a team to ensure their survival for future generations to come.

[Educational Message: In this episode, we discovered some of the most ingenious animals on Earth. From old tricks passed down for generations, to new adaptations, these animals have found the smartest ways to survive in the wild. What these creatures sometimes lack in brawn, they make up for in brains.]

Airdate: 10/30/2021

Time:

Duration: 30:00

WILD CHILD

WILD, WILD SOUTHEAST ASIA [WLC205]

Today on Wild Child, host Sheinelle Jones leads us on a trip to discover the fascinating animal families of Southeast Asia. Known as the world's largest archipelago, Southeast Asia is a group of over twenty thousand unique islands that are teeming with life. We'll spend the morning with Thailand's national animal, the Asian elephant. These larger-than-life mammals can be found exploring tropical evergreen forests and grasslands throughout many regions of Southeast Asia. Although smaller than their African relatives, Asian elephants can still reach jumbo proportions with some weighing up to five tons. We'll learn that at birth, these big babies stand three feet tall and weigh a hefty two hundred pounds. Here we'll witness mom teaching her youngsters how to stay cool with techniques such as ear flapping and mud bathing. Next, we'll travel to the island of Borneo where a group of proboscis monkeys are taking in the morning views from their treetop fortress. Proboscis monkeys are named after the long, hanging nose that is present on males. Here we'll witness how the entire troop joins in on passing on their acrobatic climbing skills to the next generation of proboscis monkeys. While proboscis monkeys are excellent climbers, they are also proficient swimmers. We'll learn that proboscis monkeys will spend most of their lives within the trees near mangrove forests or jungle streams.

[Educational Message: In this episode, we discovered more about the most fascinating tropical toddlers of Southeast Asia. The rich and diverse wildlife found here makes it easy to see why this region is considered one of the most beautiful in the world. From the tropical forests, to the sun-soaked sands and volcanic vistas, Southeast Asia is a wild unlike any other.]

Airdate: 10/30/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

THE DESIRE FOR FREEDOM [RLT302]

Today on Roots Less Traveled, host Faruq Tauheed takes siblings Mary and Kevin to the Bluegrass State, Kentucky. Mary and Kevin will first visit the Washington County Courthouse in Springfield, Kentucky, which is just up the road from the birthplace of Abraham Lincoln. Completed in 1816, we'll learn that the Washington County Courthouse is the oldest courthouse in use in Kentucky. We'll find out that Mary and Kevin's ancestors were previously enslaved and fought for their freedom in a series of court cases prior to the Emancipation Proclamation. We'll discover that since most African Americans were enslaved in the decades prior to 1870, the majority were not recorded in the censuses before that year. Kevin and Mary will

continue their journey of discovery as they learn the details of their family's hard-earned journey to freedom.

[Educational Message: In this episode, Mary and Kevin learned about the passion and dedication of their relative Charlotte Pyles as she fought for her family's freedom. Charlotte became an anti-slavery activist and befriended notable people such as Susan B. Anthony and Lucretia Mott, who were fighting for the rights of women to vote. Learning these incredible stories brings Mary and Kevin closer to their past than ever before.]

Airdate: 10/30/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

A BOUT WITH DOUBT [TPS205]

First, Paralympic swimmer Jessica Long shares her story how she lost her legs due to fibular hemimelia, a condition when someone is born without a fibula, and after being adopted from Russia, went on to be a gold medalist. Next, Heimana Reynolds teaches the rules and tricks of skateboarding as he prepares for the Olympics. Skateboarding originated in California, and Alan "Ollie" Gelfand invented the ollie in the 1970s. Then, Paralympic cyclist Oksana Masters discusses how she learned to face her fears after being adopted as a young child and was given the opportunity to try new things. There are 22 sports in the Summer Paralympics; and in 2022, Beijing will be the first city to host both the Summer and Winter Paralympics. Then, Trayvon Bromell talks about how he learned to not let doubters affect his training or performance, going on to succeed in the Olympics. Bromell was the first junior athlete to break the 10-second barrier in the 100 meters.

[Educational Message: Greatness can be defined in more ways than winning a gold medal--it can be achieved by being a leader, supporting others, and not giving up. Viewers learn about the history of swimming and cycling in the Paralympics and the training it takes to compete in each sport, the history of skateboarding, and how to not let negative opinions cause self-doubt.]

Airdate: 10/30/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

CARIBBEAN DELIGHT [VJG323]

Host Josh Garcia spends the day ashore in St. Lucia discovering the landscape, food, and art of one of the Caribbean's most beautiful islands. First, Josh visits a rainforest where, high in the trees, he learns the importance of the rainforest to the island's population. Seventy-seven percent of this island is rainforest, and it encompasses 19,000 acres of mountains and valleys. It is home to more than 2,000 native species, 200 of which occur nowhere else in the world. He gears up and experiences the island's lushness by zip-lining across the tree canopy. Next, Josh visits the oldest working estate on the island that grows and produces St. Lucia's world-famous chocolate. Evidence of chocolate consumption goes back three to four thousand years. St. Lucia's soil is high in sulfur, one of the essential nutrients needed for plant growth, and this makes for a prosperous environment for cacao trees. A cacao tree can live to be one hundred years old but only produces fruit for half its lifetime. Here, Josh learns an old technique for polishing cocoa beans by dancing on them in a barrel. Then, he takes a food tour through St. Lucia's largest outdoor market and learns about native fruits and how once-exotic spices helped create the island's popular creole cuisine. Castries is the

largest town on the island and in its center is a huge open-air market, first opened in 1894. This market is commonly called La Place which means meeting place. There, Josh sits down for a plate of St. Lucia's national dish of salted fish and green figs. Finally, Josh meets with two local artists, a father and son, whose work embodies the spirit and traditions of the island carved into scavenged wood. Traditional masks of St. Lucia are intended to tell stories through the images carved into the wood.

[Educational Message: Local markets can teach you a lot about a country's cuisine. You can typically find local delicacies and even see regional varieties of familiar fruits and vegetables and learn their local names. For example, a green banana in St. Lucia might be called a green fig.]

Airdate: 10/30/2021

Time:

Duration: 30:00

VETS SAVING PETS

CATAWAMPUS [VSP205]

Today on Vets Saving Pets, an aging kitty is unable to walk properly, a puppy is having dental issues, and a feline visits the clinic with ear issues. First up, an elderly cat named Rasky, who is unable to use its legs, is brought into the emergency clinic. Dr. James, the clinic's neurologist, visits with Rasky to perform neurological tests to determine the cause of the mobility issues. After several tests and scans prove inconclusive, Dr. James recommends that Rasky is sent for an MRI scan to help get to the source of the problem. Next, a Goldendoodle puppy named Casey arrives to the clinic with dental problems. Dr. French, the clinic's veterinary dentist, discovers that Casey's canine teeth are growing into her lower jaw. Here we'll learn that dental issues like this can lead to serious infections if not treated quickly. Dr. French will need to extract Casey's canine teeth in order to restore her normal bite and prevent future complications. Finally, a pet cat named Kiwi is brought to the clinic suffering from ear issues. Dr. Waisglass, the clinic's dermatologist, meets with Kiwi for an examination. After discovering a large amount of fluid in Kiwi's ears, Dr. Waisglass decides to anesthetize the feline in order to scope her ear more thoroughly. After cleaning the fluid from Kiwi's ear, Dr. Waisglass discovers a mass deep inside her ear canal. Dr. Waisglass and team use special tools to remove the mass and will send the sample to pathology to determine if the tumor is cancerous.

[Educational Message: Having a diverse background in various species and breeds of pets is crucial for a successful career in veterinary medicine. It is important for veterinarians to seek additional education and new information to better understand and treat all types of pets.]

Airdate: 11/6/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

LIFE IN THE TREES [EDD406]

Today on Earth Odyssey, host Dylan Dreyer takes us on an adventure to find the most incredible animals that spend their lives in the trees. First up, we'll journey to the rainforests of New Zealand to find an unusual resident, penguins. On these forested islands, a colony of Snares penguins have carved out a unique existence. Every known population of the Snares Island penguin can be found within less than two square miles. We'll discover that Snares Island penguins can live to be about twenty years old in the wild. Here we'll witness the arduous journey from sea to land as they return to their forest nests. We'll learn that this unique home provides shelter and protection for penguins to safely raise their young. Next, we'll visit

Southeast Asia where lies the island chain of the Philippines. Next, we'll visit with a creature unique to this region, known as a binturong. One of the Philippines' rarest and most elusive animals, the binturong is one of the few Old World mammals that has a fully prehensile tail. Also known as a "bearcat," we'll learn that the binturong's closest relatives are the African civet and genet. Finally, we'll travel to the forests of India to find the lion-tailed macaque. Living in troops of up to twenty individuals, lion-tailed macaques will sometimes have more than one adult male in the group. Lion-tailed macaques typically live up to forty years old in captivity and up to thirty years in the wild. Here we'll learn about the unique hierarchy of bachelor macaques in the jungles of India.

[Educational Message: In this episode, we discovered more about the most incredible tree loving animals on the planet. These fascinating dendrophiles have adapted to a fantastic life in the canopy, and they're always reaching new heights.]

Airdate: 11/6/2021

Time:

Duration: 30:00

WILD CHILD

SPRING HAS SPRUNG! [WLC206]

Today on Wild Child, host Sheinelle Jones leads us on a journey around the globe to find the animal families of spring. First, we'll join some of the barnyard babies as they begin their day with a hearty breakfast. Donkeys are most active during the cooler parts of the day. Grazing mostly on grasses, we'll learn that donkeys can eat an average of six thousand pounds of food per year. We'll also check in with a mother horse on the farm, where milk is on the menu for her foal this morning. We'll learn that baby horses will live off the mother's milk until they're four to six months old. Next, we'll follow along with a new litter of coyote pups and learn more about their springtime habits. Sometimes referred to as "prairie wolves," coyotes can be found throughout the United States and Canada. We'll learn that after a two-month pregnancy, female coyotes can deliver anywhere from three to twelve pups. These spring babies weigh about one pound at birth and will feed on mother's milk for the first two weeks of life. At about one month old, baby coyotes will begin to explore outside of their den. We'll discover that coyotes will reach their full adult size at roughly one year old, which is about the same size as a medium domestic dog. Formidable predators, coyotes will dine on small and large mammals, frogs, snakes, and fish.

[Educational Message: In this episode, we traveled around the world to find spring's latest additions to the animal kingdom. In a season defined by the beauty of blooms and vibrant new life, there's no better way for these adorable newborns to celebrate spring than by having some fun in the sun.]

Airdate: 11/6/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

FINDING FREEDOM IN SOUTH JERSEY [RLT301]

Today on Roots Less Traveled, host Faruq Tauheed takes first cousins Damon and Patty to learn about an historic free Black community living side by side with Quaker abolitionists in New Jersey. Damon and Patty will first go to Evesham Township, New Jersey where they will discover more about the Cropwell Friends Meetinghouse. Built in 1809, this church was established by the Quakers as a place to gather for worship each Sunday. We'll discover that Quakers, also known as the Religious Society of Friends, have been in America since the 1650's. In 1688, Quakers were the first religious body to condemn slavery in the English

colonies. Finally, Damon and Patty will visit an historic chapel built in 1799 that played an important role in the Underground Railroad. We'll learn that the Underground Railroad included a series of safe houses providing refuge for enslaved people. Here, Damon and Patty will discover their own family's unique connection to the Underground Railroad.

[Educational Message: Connecting with our past helps us connect to parts of ourselves that we didn't know existed. In this episode, Damon and Patty found an incredible family connection to the Underground Railroad. Better understanding their family history has provided both Damon and Patty with a new sense of pride in the roots.]

Airdate: 11/6/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

RUNNING TOGETHER [TPS206]

First, long distance runner Aliphine Tuliamuk discusses her passion to inspire younger generations to defy the odds and not give up by telling her story of growing up in rural Kenya without shoes to eventually becoming a U.S. citizen and Olympic runner. Next, we hear how Pittsburgh Steelers linebacker Ryan Shazier found a new purpose after a devastating spinal injury ended his football career and raised questions if he would ever walk again. Having access to the best resources, Shazier did walk again and made it his mission to raise money for spinal injury rehabilitation in hopes to give more people access to opportunities and equipment. Then, golfer Nate Lashley discusses experiencing a devastating tragedy in college when he lost his parents in a plane crash and how he used the loss as encouragement to not give up on his goal in hopes to make them proud, eventually becoming a rookie on the PGA Tour. A player's rookie year consists of becoming a PGA tour member and playing in 10 or more events or finishing in the Top 125 on the Points List.

[Educational Message: Don't allow challenging circumstances to control your ability to succeed-- use each challenge as a learning opportunity to become better. Viewers learn steps to take to become a long-distance runner, the importance of not giving up, and tips for coping with grief and tragedy.]

Airdate: 11/6/2021

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: 11/6/2021

Time:

Duration: 30:00

VETS SAVING PETS

THE LION'S SHARE [VSP206]

Today on Vets Saving Pets, a lion at the local zoo is having dental problems, a Shih Tzu is having trouble staying balanced on its feet, and an aging Golden Retriever has developed skin issues. First up, a team of veterinary specialists have a special off-site patient to visit at the local zoo, an elderly lion named Rowdy. The staff at the zoo have noticed that Rowdy hasn't been chewing his food normally. The team will have to administer an anesthetic to get a closer, safer look at the big cat. Once properly sedated, Dr. French, the clinic's veterinary dentist, examines Rowdy's mouth and discovers that he has broken one of his canine teeth. Dr. French will have to work quickly and carefully to successfully extract the broken tooth. Next, a Shih Tzu named Max arrives at the clinic with serious mobility issues. Dr. James, the clinic's neurologist, suspects that Max is having vestibular issues causing his equilibrium to be thrown off. Here we learn how the vestibular system is responsible for telling our brains that we are moving and in which direction. After an overnight stay for further monitoring, Max's condition continues to worsen. Dr. James recommends performing an MRI to confirm the root cause of Max's balance problems. Finally, an aging Golden Retriever named Tandi is brought to the clinic suffering from persistent skin issues. Dr. Waisglass, the clinic's dermatologist, examines Tandi's body to determine what may be causing the recurring skin problems. Dr. Waisglass, using simply a piece of tape, takes samples from various parts of Tandi's body for testing. Using a microscope, Dr. Waisglass will examine the skin samples for parasites and bacteria.

[Educational Message: Choosing a career in veterinary medicine will introduce you to a variety of animal patients both big and small. In this episode, we learned that veterinarians should always be prepared for all types of patients, including wild animals.]

Airdate: 11/13/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

ODD ANIMALS [EDD407]

Today on Earth Odyssey, host Dylan Dreyer takes us across the globe to discover the strangest animals in the wild. First up, we'll travel to Russia to meet one of the most unusual animals on the planet, the Saiga antelope. This species of antelope sports a large cartoon-like nose that resembles a shortened elephant trunk. We'll discover that Saiga antelope can be traced back to the Ice Age when they roamed alongside mammoths and saber-toothed tigers. We'll find out that there are under 200,000 Saiga antelope currently found in the wild. Here we'll witness herds of saiga as they search for water and avoid predators on the open grasslands. We learn that Saiga antelope can run faster than a racehorse, reaching speeds up to fifty miles per hour. Next, we'll journey to the South African coast to find an almost alien creature, the octopus. Masters of camouflage, octopus hide in plain sight within the coastal rock pools that are exposed at low tide. The color and texture of the octopus can quickly change to match its surroundings, an essential adaptation for avoiding predators and ambushing prey. We'll discover that there are nearly three hundred known octopus species found in the world today. Finally, we'll stay in the ocean to find a creature that evolved to reproduce in an entirely new way. Endemic to the South African coast, the Cape seahorse is the most

endangered seahorse species in the world. Cape seahorses have the smallest known geographic range of its kind, occurring in just a handful of estuaries along the South African coast. Cape seahorses are also the only seahorse known to exclusively inhabit estuaries. Uniquely, rather than females, male seahorses become pregnant and give birth to the babies. This allows females to make eggs almost immediately, allowing the pair to reproduce quicker. Here we'll witness the incredible parenting skills of one of the wild's most fascinating fathers.

[Educational Message: In this episode, we discovered some of Earth's most fascinating animal oddities. As we've seen, sometimes the traits that set us apart from the herd are also what help make us thrive.]

Airdate: 11/13/2021

Time:

Duration: 30:00

WILD CHILD

WATER THEY DOING?! [WLC207]

Today on Wild Child, host Sheinelle Jones takes us under the surface to find the newborns that call the water home. It's not just fish who love the water, we'll discover species of mammals, reptiles, and birds that survive and thrive in an aquatic environment. Lakes and rivers provide food and shelter for many waterbirds. As we'll witness with a family of swans, watching their parents is the best way for babies to learn which food is good to eat and where to find it. Weighing almost thirty pounds on average, we'll learn that swans are the heaviest flying birds when fully mature. After a class on foraging for food in the water, we'll see how this swan mother teaches her young more life lessons such as how to groom their feathers. We'll discover that the oldest known swan lived to be twenty-six years old. Next, we'll go for a swim with a family of river otters. We'll learn that very few animals are as well adapted to life on both land and water as the otter. Their semiaquatic lifestyle means they have plenty of choices when it comes to mealtimes. Crustaceans, mollusks, and oysters are usually a quick treat, but fish is the ultimate delicacy for otters. We'll learn that adult otters can consume at least three pounds of food each day.

[Educational Message: From sun-soaked riverbanks to the deepest ocean trenches, water plays an integral role in all of life. For every one of nature's newborns, that's a lesson they learn at a very early age.]

Airdate: 11/13/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

AKIN TO AMBITION [RLT303]

Today on Roots Less Traveled, we're looking back on three inspiring family journeys. First, Faruq takes uncle and nephew Al and Jr on an ancestral trip to Havana, Cuba. Here Al will learn that his grandfather, Joseph Barlow, owned and developed thirty-four blocks of downtown Havana. We'll discover more about the history of Cuba and how after a 54-year-long dispute, Cuba and the United States re-established their diplomatic relations in 2015. Next, Faruq will take half-siblings Michelle and Rob to Mexico City. Here they will discover that they are related to the Uruchurtus, a very famous Mexican political family. Their journey includes a trip to the ornate National Palace where they learn that their second cousin Ernesto gave the keys to Mexico City to President John F. Kennedy. Finally, Faruq takes mom and son duo, Sharee and

DeVonn, on a trip to Nashville, Tennessee. At a visit to the Tennessee Supreme Court, Sharee and DeVonn will learn that their four-times great grandfather Larkin Ford was a part of an 1840s landmark Tennessee court case. Remarkably, we'll learn that Larkin Ford prevailed and was awarded the very same farm that he worked on as a slave.

[Educational Message: Connecting with our past helps us connect to parts of ourselves that we didn't know existed. In this episode, we looked back on some of the most incredible moments of family discovery. Better understanding our past can help us learn more about ourselves and where we come from.]

Airdate: 11/13/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

THE NEXT WAVE [TPS207]

First, we learn how teenage skateboarder Sky Brown is making her mark on the sport and not letting her age or size prevent her from succeeding. She also discusses how she overcame serious injury and faced her fears by getting back on the skateboard. Next, we hear how high school All-American football player Addison Nichols got started in the sport and went on to grow into a successful player on the field as well as an admiral role model off the field. Linemen are not allowed to pass the line of scrimmage on a passing play before the ball is thrown. Then, Sakura Kokumai teaches the rules and techniques of Karate, as she prepares for the sports Olympic debut. Karate evolved over centuries in East Asia; and Karate comes from two words: "kara" meaning empty, and "te" meaning hand.

[Educational Message: Don't be afraid to get out of your comfort zone and be a trailblazer—whether you succeed or not, you can make a difference by setting an example for others. Viewers learn about the history of skateboarding and the impact females are making on the sport, how to get started playing football, and the history of Karate.]

Airdate: 11/13/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

JEWEL OF RUSSIA [VJG309]

Host Josh Garcia sails to St. Petersburg, Russia, and immerses himself in the local culture. After a brief ballet lesson before heading ashore, he meets with a local guide to learn about the famous and historic architecture of St. Petersburg. In Palace Square, Josh observes the Winter Palace, a white and pale green palace constructed in the Baroque style from 1754 to 1762. Ruled by czars, Russia was an absolute monarchy for nearly 350 years. Josh hops on a boat in the Moyka River with his guide to explore some canals that flow through the oldest part of the city. There are over 70 rivers and canals in St. Petersburg. Then, Josh attends a warm-up session with professional ballet dancers from the Mikhailovsky Ballet. Professional ballet dancers often train and rehearse six days a week. It takes an average of eight to ten years of training to become a professional ballet dancer. After breaking a sweat, Josh gets to watch their performance of Le Corsaire from the wings. Finally, for a lesson in history and exquisite craftsmanship, Josh tours the Fabergé Museum where he learns all about the czars' rare and precious gifts to their loved

ones. Peter Carl Fabergé was a jeweler for the czars who, along with a skilled team, produced the Fabergé Imperial Eggs from 1885 to 1916. Only 43 of the original Fabergé Imperial Eggs are known to exist in the world today. The czars wanted these eggs as gifts for Easter, in accordance with a Russian Orthodox Easter tradition. Alexander III of Russia was the first to commission a Fabergé Imperial Egg as a gift for his wife. This was the first in a series of jeweled Fabergé eggs called Hen Eggs, a three-piece egg that contains a white enameled egg containing a golden yolk that contains a golden hen figurine.

[Educational Message: Although ballet dancers can appear to dance with great ease, this dance is anything but easy. The athleticism and stamina ballet dancers possess comes from decades of hard work and practice, and it's that strength that makes incredibly difficult positions and motions seem effortless to the audience.]

Airdate: 11/13/2021

Time:

Duration: 30:00

VETS SAVING PETS

A BREATH OF FRESH AIR [VSP207]

Today on Vets Saving Pets, a cat arrives at the clinic with a fractured jaw, a French Bulldog undergoes rehabilitation following back surgery, and a Yorkshire terrier is suffering from throat problems. First up, a cat named Oreo is rushed into the Veterinary Emergency Clinic after being hit by a car. Dr. Cochrane, the clinic's neurologist, will perform a neurological exam to determine the extent of Oreo's injury. Following the exam, Dr. French, the clinic's veterinary dentist, will perform a surgical procedure to suture Oreo's fractured jaw together. Here we'll witness the delicate process of oral surgery and learn about the necessary skills of a veterinary dentist. Finally, a French Bulldog named Jackson is brought to the clinic in need of physical therapy following a recent spinal surgery. Unable to walk since the surgery, Jackson will undergo rehabilitation with the help of a specialized water tank and treadmill. Here we learn that physical therapy exercises like these can help stimulate the neural pathways that allow the brain to communicate with the body. Finally, a small Yorkshire terrier named Mia visits the clinic suffering from a collapsed trachea that's preventing her from breathing. Dr. Boyd, the clinic's surgeon, will be treating Mia with a tracheal stent to help Mia breathe easier. The tracheal stent, a tubed-shaped implant, will be surgically inserted into Mia's throat to help open her airway and prevent the issue from recurring.

[Educational Message: Veterinarians must have passion and empathy for not only their animal patients but the patient's owners as well. Veterinarians working in emergency animal medicine are often faced with serious and severe cases. Learning how to effectively communicate and empathize with pet owners is an important skill for a successful veterinary career.]

Airdate: 11/20/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

BEST OF LATIN AMERICA [EDD413]

Today on Earth Odyssey, host Dylan Dreyer takes us back to the incredible wildlife of Latin America. First up, we'll travel to Venezuela to learn more about the capybara, the largest rodent in the world. Capybaras are closely related to guinea pigs and rock cavies, despite their massive size difference. The capybara gets its name from the Amazonian native language which translates to "master of the grasses." We'll also learn that capybaras are highly social and can live in groups of between ten and one-hundred members depending on the season. Here we'll witness how capybaras avoid predators such as anacondas, caiman, and crocodiles. Next, we'll visit the rainforests of the Amazon to discover more about the insects teeming on the forest floor. Here we'll learn how army ant colonies are made up of several groups with specific jobs including foragers and defenders. We'll also discover how over three hundred species of birds and butterflies rely on army ants for survival. Finally, we'll follow local fishermen and learn how they rely on the waters of the Pantanal for survival. We'll discover that the Pantanal is home to an estimated three-hundred and twenty-five species of fish. We'll learn about the unique fishing techniques that have been used by the local villages for centuries.

[Educational Message: In this episode we revisited our favorite Latin American locations. In the Pantanal, we learned that the wet landscape and warm climate creates a hub for an incredible number of diverse fish and mammals. The traditions that are still alive in the Pantanal are central to the survival of the local villages.]

Airdate: 11/20/2021

Time:

Duration: 30:00

WILD CHILD

ZOOBORN NEWBORNS [WLC208]

Today on Wild Child, host Sheinelle Jones takes us around the globe to discover the zoos that help rehabilitate the wild animal babies that need special care the most. We'll get a firsthand look at some of the remarkable species growing up under the careful supervision of the world's zoos. First up, we'll visit with a unique creature native to the island of Madagascar, the ring-tailed lemur. With their pointed faces and long, fluffy tails, it's hard to miss a troop of ring-tailed lemurs. Named for their black and white striped tails, we'll learn that ring-tailed lemurs all have exactly 13 stripes on their tails. Lemurs are born into very caring communities. With other females in the group lending a hand, baby ring-tailed lemurs develop rather quickly. We'll learn that by six months of age, ring-tailed lemurs are fully weaned from their mothers. As opposed to many other primate societies, we'll discover that dominant females lead the way for the troop. Finally, we'll check in on a newborn gorilla spending time with its mother. We'll learn that gorilla infants are very similar to human babies, although they develop at a faster rate. At full maturity, gorillas can weigh up to four hundred pounds and are considered the most powerful primate. We'll also discover that gorillas spend considerably less time climbing trees than other great apes such as orangutans or chimpanzees.

[Educational Message: In this episode, we spent a day at the zoo learning about some of the world's most exotic and enchanting species. Meeting these animals up close can help educate and inspire us to do our part in making sure they survive and thrive well into the future.]

Airdate: 11/20/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

TRUE FAMILY BONDING [RLT305]

Today on Roots Less Traveled, host Faruq Tauheed takes brother and sister Katie and Jimmie to Fresno, California to learn about their Japanese roots in America. First up, Katie and Jimmie are taken to a farm in Fresno to find out how their ancestors were an important part of the local community. We'll learn that in 1915, Katie and Jimmie's great-grandparents owned and operated a vineyard in California's Central Valley. However, in 1941 when Japan attacked the U.S. at Pearl Harbor, President Roosevelt ordered all Japanese Americans on the west coast to be relocated. We'll learn that President Roosevelt's executive order deemed Japanese Americans a national security risk. Katie and Jimmie visit the Fresno Assembly Center Memorial, which stands in remembrance of the 120,000 Japanese Americans made to leave their homes and imprisoned in assembly centers during World War 2. We'll discover that this was an extremely difficult time for Katie and Jimmie's ancestors as detainees were only allowed to bring as many belongings as they could carry to the assembly centers. However, in the face of hardship and humiliation, we'll learn that many in these camps worked to maintain a sense of normalcy. Detainees wrote newsletters in both Japanese and English, and even elected representatives. We'll discover that Katie and Jimmie's ancestor received awards in 1960 and 1967 for founding Japanese American community groups.

[Educational Message: In this episode, Katie and Jimmie learned about the incredible hardships faced by their Japanese American relatives during World War 2. Despite the challenges and humiliation, we learned that Katie and Jimmie's ancestors maintained an incredible sense of determination to retain their culture and traditions. Better understanding our past can give us more confidence in our future.]

Airdate: 11/20/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

BALL IN THE FAMILY [TPS201]

First, Olympians discuss why they love their sport, how they train for the Olympics, and what they have learned about themselves through training and competing. The first Olympic race was in Greece in 776 B.C. Next, water polo player Maggie Steffens discusses the importance of supporting and relying on her teammates and how her individual records wouldn't be possible without a team that works together. Women's water polo became an Olympic sport at the 2000 Summer Games in Sydney, and the pool in an Olympic water polo game must be at least six feet, seven inches deep. Then, we hear how a baseball team, the Fukushima Red Hopes, helped restore hope and life to Fukushima, Japan after destruction from a tsunami and nuclear meltdown by rebuilding and creating a new team. The Japanese equivalent to MLB is the Nippon Professional Baseball (NPB), and the Yomiuri Giants are the oldest team in the NPB and are known as the "Yankees" of Japanese Professional Baseball.

[Educational Message: Sports can teach life lessons that can be applied off the field, such as determination, communication, leadership, accountability, and confidence. Viewers learn about the diverse sports featured in the Olympics and how athletes train for each, the importance of working together as a team, the history of women's water polo, and the history of baseball in Japan.]

Airdate: 11/20/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

NATURE'S MASTERPIECE [VJG204]

Host Josh Garcia docks in Juneau, Alaska. First, Josh visits a hatchery where he learns how the salmon population is sustained. Of the five species of salmon, there are three that require an extra year in fresh water, which are king, silver, and sockeye salmon. When salmon make the transition from the freshwater to saltwater, they undergo smoltification. Once this process is complete, they are released back into the wild. Then, Josh goes out on the water with a local fisherman to deep dive into crab fishing. Finally, Josh ventures out with a glaciologist. They kayak to the great Mendenhall Glacier and learn more about Juneau's ecosystem. The Mendenhall Glacier stretches about thirteen miles before it merges into the Juneau Icefield, which is about fifteen hundred square miles. Josh visits an ice cave inside the Mendenhall Glacier and is blown away by how much light reaches the cave through the dozens of feet of glacial ice above them.

[Educational Message: Taking time to explore nature's beauty can improve wellness and encourage a better understanding of Earth's ecosystems.]

Airdate: 11/20/2021

Time:

Duration: 30:00

VETS SAVING PETS

GOLDEN OLDIES [VSP208]

Today on Vets Saving Pets, the clinic is visited by a puppy with a dental emergency, a Golden Retriever goes into surgery to remove a tumor, and a beagle has a limp. First up, a puppy named Tessa visits the Emergency Veterinary Clinic with broken teeth sustained from an accident while playing fetch. Dr. French, the clinic's veterinary dentist, performs an exam and X-rays to assess the total damage to Tessa's teeth. Dr. French determines that the dog will need a root canal on one of its canine teeth in order to avoid fully extracting the tooth. Next, an elderly Golden Retriever named Charlie arrives at the clinic suffering from a large tumor in his abdomen. Dr. Boyd, the clinic's surgeon, will be performing an emergency surgical procedure to remove the life-threatening tumor. Dr. Boyd must also run tests to confirm if the tumor is cancerous, and if it has affected other parts of the body. Finally, a beagle named Bailey arrives at the clinic suffering from a limp. Dr. Ringwood, the clinic's surgeon, performs a physical examination of Bailey to determine the exact cause of her limp. In order to accurately diagnose the issue, Dr. Ringwood will perform an arthroscopy. Here we learn that an arthroscopy is a minimally invasive surgical procedure used to examine the body's joints. During this exam, Dr. Ringwood discovers inflammation and cartilage damage in Bailey's leg. After removing the cartilage fragments, Bailey will be prescribed medication and physical therapy for her recovery.

[Educational Message: Veterinarians dedicate their lives to treating our pets. In this episode, we see the compassion of veterinary professionals as they treat their patients. We must not forget that all life is important, no matter how big or small.]

Airdate: 11/27/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

EXTREMELY WILD [EDD401]

Today on Earth Odyssey, host Dylan Dreyer takes us on a trip to visit the most extreme places on Earth. First up, we'll take a journey to the mountains of Southern China to find the animals that survive and thrive in a most unforgiving environment. In the high-altitude forests, we'll discover a strange primate that roams

the frozen landscape, the snub-nosed monkey. Capable of withstanding the punishing conditions, we'll learn that snub-nosed monkeys live at the highest altitude of any primate on Earth. Living in colonies of around sixty individuals and isolated on mountain tops, we'll discover how snub-nosed monkeys have uniquely evolved to cope with the extreme conditions of Southern China. Next, we'll travel to Northern Africa to the Sahara Desert to find the unique wildlife that call this harsh region home. Roughly the size of the United States of America, the Sahara Desert is a treacherous place to live given its extreme temperatures and constant sandstorms. Here we'll discover a creature that is supremely adapted to the severe desert conditions, the sandfish. We learn that sandfish are actually a type of skink species. While they will spend most of their lives underneath the sand, sandfish rely on the sun to recharge their bodies as they are cold-blooded lizards. We'll discover how the sandfish's uniquely adapted body allows the creature to effortlessly "swim" underneath the desert sands to avoid predators. Finally, we'll visit a frozen land of ice and tundra known as Svalbard. Here we'll meet the world's largest land predator, the polar bear. We'll learn that more than 2,500 polar bears call this frozen wilderness their home. Standing up to ten feet tall, we'll discover that polar bears are the largest bears and can weigh over 1,000 pounds more than brown bears. Today we'll follow a male polar bear in search of his next meal. We'll find out that four inches of fat and hollow fur insulate the bear from the extreme arctic climate.

[Educational Message: In this episode, we discovered life on the edge in the most extreme places on Earth. While others might not dare to venture into these uncompromising locations, the animals that live there have adapted to make these places a home for themselves and their families.]

Airdate: 11/27/2021

Time:

Duration: 30:00

WILD CHILD

AWWW-STRALIA [WLC201]

Today on Wild Child, host Sheinelle Jones leads us on an adventure down under to discover the cutest and youngest animals living in Australia. While Australia might be the world's smallest continent, it has some of the animal kingdom's biggest characters. More than eighty percent of its plants, mammals, reptiles, and frogs can only be found on this massive and isolated island. First up, we'll start the day with a family of eastern grey kangaroos as they begin their morning routine. We'll learn that when kangaroos are first born, the youngsters are only roughly the size of a jellybean. While they are surrounded by grass, these babies won't start having a nibble until they leave their mother's pouches at around ten months old. In the meantime, these babies will continue to enjoy their mother's milk. We'll learn that mother kangaroos produce two different types of milk for each stage of their joey's growth. We'll also discover that once a joey has left the pouch, often its mother gives birth to another joey that has been lying dormant so she can have two joeys suckling on her at once. Next, we'll join a family of emu to discover how this bird species survives and thrives in the Australian bush. We'll discover that there are over six hundred locations in Australia named after the emu. Here we'll witness the next generation of emus learning the fine points of bush dining from their parents. However, when it comes to raising the babies, the dads do all the work. These emu chicks might be small now, but eventually they'll grow up to be the second largest birds in the world. To reach this massive size, they'll pack on a variety of insects, fruits, grass, and seeds.

[Educational Message: In this episode, we discovered more of Australia's remarkable and rare animal families. Many of these species aren't found anywhere else in the world, which makes their indelible connection to the land all the more unique and amazing.]

Airdate: 11/27/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

THE PRICE OF FREEDOM [RLT306]

Today on Roots Less Traveled, host Faruq Tauheed takes mother and daughter Gwen and Gabrielle to Rockville, Maryland to learn more about their incredible family history. First up, Gwen and Gabrielle visit the Lincoln Cottage in Washington, DC, a home the president used as a retreat from the heat and politics of Capitol Hill. We'll find out that President Lincoln would ride three miles on horseback from the cottage to his office at the White House. Here we'll discover that Abraham Lincoln signed a bill in 1862 that freed all the enslaved persons in the District of Columbia, eight and a half months prior to the Emancipation Proclamation. Gwen and Gabrielle learn that this was the document that freed their ancestor from slavery. Inside the Lincoln Cottage, Gwen and Gabrielle have a chance to reflect on the history that changed their ancestor's lives. We'll discover that the Act of Congress that freed their ancestor in 1862, set the stage for President Lincoln's Emancipation Proclamation of 1863. This executive order changed the legal status of three and a half million people in the secessionist states. Finally, Gwen and Gabrielle will visit an actual battlefield to learn the significant role the U.S. Colored Troops played in the Civil War. Gwen and Gabrielle discover that following the Emancipation Proclamation, their ancestor volunteered at the age of twenty-one to join military service. We'll learn that approximately two hundred thousand African American men joined the Union Army to fight for their freedom.

[Educational Message: In this episode, Gwen and Gabrielle discovered their family's unique connection to the Emancipation Proclamation. Furthermore, they learned that their formerly enslaved ancestor voluntarily joined the military after he was granted his freedom. Discovering this incredible resilience and determination has instilled Gwen and Gabrielle with a new sense of pride for their family roots.]

Airdate: 11/27/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

STRIDE BY STRIDE [TPS202]

First, long distance runner Aliphine Tuliamuk discusses her passion to inspire younger generations to defy the odds and not give up by telling her story of growing up in rural Kenya without shoes to eventually becoming a U.S. citizen and Olympic runner. Next, Olympic fencer Lee Kiefer talks about the difficulty in deciding when it's time to retire from the sport that has impacted her life so greatly. Women's fencing premiered in the 1924 Paris Olympics, and fencing is a rare combat sport in that it doesn't have a weight class. Then, diver Jordan Windle tells his story of being adopted from Cambodia, how his father has encouraged him to stay connected with his Cambodian roots to help those with fewer opportunities there, and how his Olympic success offers a platform to do that. Competitive dives are performed on a platform that is either 5 or 10 meters high; and scoring typically considers 3 elements of a dive: the approach, the slight, and the entry.

[Educational Message: Embracing who you are helps set you apart from others— remembering where you started and what you went through to achieve your goal is important in remaining humble and successful. Viewers learn about what it takes to become a long-distance runner, the history of fencing, and the importance of giving back to those with fewer opportunities.]

Airdate: 11/27/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

UN-BELIZE-ABLE! [VJG216]

Host Josh Garcia is ashore in Belize, and he kicks off his day with a local chef who teaches him how to make a traditional Belizean stew using unique culinary tools native to the country. Using a hana, a traditional mortar and pestle, they make hudut, mashed plantains customarily served with Belizean coconut stew, made with coconut, herbs, and fish. Next, he ventures into the jungle and discovers Mayan ruins that date back more than 3,000 years. The High Temple at Lamanai reaches a height of 108 feet from the plaza floor. The Maya built their temples to house their deities and bury their kings. The name Lamanai was recorded by the Spanish in the 16th century. The structure goes back as far as 100 B.C, but the beginning of the city goes back as far as 1,500 BC. Lamanai is the longest continually-occupied site in Mesoamerica. Finally, Josh enjoys a breathtaking underwater adventure swimming with sharks. 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 further back, so they eat with a sucking motion. Nurse sharks are important to the fragile marine ecosystem and reefs.

[Educational Message: Venturing safely into wildlife to witness the majesty of creatures in their natural habitat can be both an educational and also an enlightening experience, and can leave you in wonderment.]

Airdate: 11/27/2021

Time:

Duration: 30:00

VETS SAVING PETS

STILL STANDING [VSP209]

Today on Vets Saving Pets, a terrier is suffering from spinal cord issues, a German Shepherd needs surgery to fix a painful problem, and a bulldog is suffering from vision problems. First up, a terrier named Anchor arrives at the clinic after suddenly losing the ability to walk. Dr. James, the clinic's neurologist, will perform a neurological exam to determine the severity of Anchor's mobility issues. After additional X-rays prove inconclusive, Dr. James determines that an MRI exam will be needed to accurately diagnose Anchor's issue. Once the results arrive, Dr. James discovers that Anchor is suffering from a disc extrusion in his spine. Here we learn that the disc extrusion, or slipped disc, is causing compression and bruising on Anchor's spinal cord. Dr. James will have to surgically remove the affected disc material in order to restore Anchor's mobility. Next, a feisty young bulldog named Winston arrives at the clinic for eye surgery. Winston suffers from a condition known as "cherry eyes," a disorder of the dog's third eyelid that causes the gland to prolapse and protrude. Winston has already had surgery for this condition in the past, however, the problem has returned in a short period of time. Here we learn how "cherry eyes" is a common disorder for bulldog breeds but can become serious if not treated. Dr. Gray, the clinic's ophthalmologist, will be performing the surgery to reposition the eyelid to allow it to function normally. Finally, a young German Shepherd is brought into the clinic for elbow surgery. Dr. Boyd, the clinic's surgeon, performs X-rays on Major and determines that he is suffering from an ununited anconeal process. Here we learn that this is a serious disorder of the elbow that can lead to debilitating arthritis if left untreated. Dr. Boyd will be performing a delicate scope of the dog's elbow using a small camera and tools to remove the bone fragments in the elbow that are causing Major's mobility problems.

[Educational Message: Teamwork is vital for great achievement. Veterinary professionals often consult with colleagues and collaborate to solve problems. When we work together as one, we can accomplish almost any task.]

Airdate: 12/4/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

AWESOME ADAPTATIONS [EDD402]

Today on Earth Odyssey, host Dylan Dreyer takes us on an adventure around the world to discover the animals that have developed the cleverest adaptations. First up, we'll meet the macaques that thrive on the shores of the Thailand coastline. Long-tailed macaques, thanks to their adaptability, are thought to have learned to fish due to shifting food sources. Here we'll witness as the macaques use rocks and other tools to harvest their food from clams and other mollusks. We'll learn that like humans, long-tailed macaques can be either left-handed, right-handed, or ambidextrous. Next, we'll travel to the mountains of Ethiopia to learn more about one of the planet's most notorious scavengers, the Lammergeier vulture. We'll discover that this vulture has devised an intelligent technique to assist with its unique dietary requirements. Sporting a wingspan of ten feet, the Lammergeier vulture is one of the world's largest birds. It's also the only creature on the planet with a diet made up mostly of bones. We'll learn that the Lammergeier vulture has a highly acidic stomach, enabling it to completely digest solid bone. Here we'll witness how these remarkable birds have developed an intelligent strategy to consume even the biggest bones. Finally, we'll travel to the beaches of Japan to discover a uniquely adapted primate, the Japanese macaque. We'll find a group of macaques that have evolved a culinary preference for washing their food before eating. Using their highly dexterous fingers, these macaques clean, peel, and even season their food by dipping it in the salty water between bites. We'll discover that this fascinating behavior was self-taught and demonstrates a very high level of intelligence.

[Educational Message: When the natural world is left to forge its survival, extraordinary adaptations, behaviors, and evolutionary tricks occur. The fine balance between life and death is constantly played out in the wild. Those who adapt reap the rewards and become nature's survivors.]

Airdate: 12/4/2021

Time:

Duration: 30:00

WILD CHILD

COMING OF ASIA [WLC202]

Today on Wild Child, host Sheinelle Jones leads us on a journey to Asia to spend the day with the newest generation of animal babies. At seventeen million square miles with a myriad of diverse ecosystems, Asia's sheer size supports a seemingly endless variety of wildlife. First up, we'll start the morning in a suburban community to spend the day with a litter of pug puppies. We'll discover that pugs date back to the Han dynasty of ancient China. The Han dynasty is known for scientific advancements including the invention of paper. With their squishy cheeks and charming personalities, pugs were once prized by the emperors of China. We'll discover that pugs were reserved for royalty and only given as gifts to those outside the imperial court in ancient China. Here we'll follow along as the newest pug puppies explore their very own backyard empire. Next, we'll travel to the coastlines of Asia to join a pod of spinner dolphins. We'll learn that spinner dolphins live up to their name as they are famous for their aquatic tumbling skills. Researchers believe that spinner dolphins spin as a form of communication. With its mom guiding the way, we'll witness how baby spinner dolphins perfect their spinning techniques in a vast ocean playground.

[Educational Message: In this episode, we spent the day with the extraordinary animals of Asia. From the heights of the Himalayas to the depths of the Pacific, animals from all walks of life have learned to thrive in every corner of this incredible continent.]

Airdate: 12/4/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

THE POWER OF PURPOSE [RLT307]

Today on Roots Less Traveled, we'll take a look back at two inspiring stories of family discovery. First up, host Faruq Tauheed takes siblings Mary and Kevin to the Bluegrass State, Kentucky. Mary and Kevin will first visit the Washington County Courthouse in Springfield, Kentucky, which is just up the road from the birthplace of Abraham Lincoln. We'll find out that Mary and Kevin's ancestors were previously enslaved and fought for their freedom in a series of court cases prior to the Emancipation Proclamation. Kevin and Mary will continue their journey of discovery as they learn the details of their family's hard-earned journey to freedom. Next, Faruq takes first cousins Damon and Patty to learn about an historic free Black community living side by side with Quaker abolitionists in New Jersey. Damon and Patty will first go to Evesham Township, New Jersey where they will discover more about the Cropwell Friends Meetinghouse. In 1688, Quakers were the first religious body to condemn slavery in the English colonies. Damon and Patty visit an historic chapel built in 1799 that played an important role in the Underground Railroad. We'll learn that the Underground Railroad included a series of safe houses providing refuge for enslaved people. Here, Damon and Patty will discover their own family's unique connection to the Underground Railroad.

[Educational Message: In this episode, we looked back on more of the inspiring stories of family discovery. We witnessed family members connecting to their family roots and discovering incredible stories that were previously unknown. From connections to the Emancipation Proclamation and the Underground Railroad, these families now have incredible knowledge of their history to pass down to future generations.]

Airdate: 12/4/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

LEVELING THE PLAYING FIELD [TPS203]

First, we meet hockey players Sawyer and Simon Seidl, who grew up in Minnesota after being adopted from the Congo, and learn how they didn't let negative comments or doubts from others because they were different affect their game. In 1984, Grant Fuhr became the first black hockey player to win the Stanley Cup. Next, Kirsten Grohs explains her role as manager of football administration for the Atlanta Falcons and discusses opportunities for women in the NFL. There are 32 NFL franchises, and Katie Sowers became the first woman to coach in a Super Bowl in the 2019 season with the 49ers. Finally, we meet three English soccer players and hear how their humble beginnings playing soccer in cages in south London influenced their successful soccer careers by teaching them to make the most of every opportunity and not get distracted by unwanted influences. Modern soccer was said to be invented in England in 1863, and there are over 5,000 teams in the English football system, with different tiers depending on the caliber of play.

[Educational Message: Don't be afraid to break barriers and be the first to do something—paving the way for future generations can be just as historic as winning gold. Viewers learn about what it takes to be a successful youth hockey player, the impact women are having on the NFL, the importance of making the most of an opportunity, and the training and drive necessary to become a soccer player.]

Airdate: 12/4/2021

Time:

Duration: 30:00

**THE VOYAGER WITH JOSH GARCIA
AWESOME AUCKLAND [VJG322]**

Host Josh Garcia sails to one of the most visited cities in the Southern Hemisphere, Auckland, New Zealand, which lives up to its reputation as being a multicultural, laid-back urban environment that celebrates the great outdoors. Nicknamed the “City of Sails,” its harbors are filled with yachts of all sizes. To get the lay of the land, Josh meets with a group of Maori dancers who proudly carry on one of their ancient traditions, the haka. The greatest concentration of Maori, an indigenous Polynesian people, resides in Auckland. It's believed the Maori explorer, Kupe, first made landfall on the North Island around 1,000 years ago. Josh learns some of the basic moves of the haka and tries them out with these Maori dancers. Then, Josh climbs high to the top of Auckland's famous Harbour Bridge where he gets a spectacular guided view of the city. The Harbour Bridge spans the Waitemata Harbour, connecting the northern area with downtown Auckland. The Waitemata Harbour covers an area of 70 square miles. The bridge itself is just over three quarters of a mile and summits at about 200 feet. It took four years and a team of 1,000 to build the bridge which opened in 1959. Next, he visits a local farm where he learns why New Zealand is famous for its sheep and he's challenged to test his skills as a sheep herder. Finally, Josh learns why it takes a team to sail a racing yacht when he has a lesson in sailboat racing on board New Zealand's most famous racing sailing yacht. The kiwi bird is the national symbol of New Zealand and a popular nickname for a New Zealander. Given the popularity of sailing in New Zealand, some are even nicknamed yachtie. New Zealand sailors compete and win races all over the world, and it takes years of training and conditioning to sail competitively.

[Educational Message: Trying out a new activity and sticking with it can be an incredibly rewarding experience. If you are new to something, don't shy away from what you don't know, but instead jump in and you might surprise yourself with what you can learn in the moment.]

Airdate: 12/4/2021

Time:

Duration: 30:00

**VETS SAVING PETS
GIVE SPLEEN A CHANCE [VSP210]**

Today on Vets Saving Pets, a nasty virus puts a puppy's life in serious jeopardy, a Portuguese water dog is suffering from bloat, and a Pekingese has a skin rash. First up, a Portuguese water dog named Marley is brought to the Emergency Veterinary Clinic with a case of gastric dilatation volvulus, or bloat. Here we learn that Marley's stomach has been twisted and this condition can be life-threatening if not treated immediately. Dr. Boyd, the clinic's surgeon, will be performing an emergency surgery to fix Marley's bloat issue. After Dr. Boyd successfully untwists Marley's organs, the stomach is surgically fused to its natural position and should prevent the issue from recurring in the future. Next, a Pekingese named Ping is brought to the clinic suffering from a persistent skin rash. Dr. Waisglass, the clinic's dermatologist, will perform a

variety of tests to determine the root of Ping's skin problems. Dr. Waisglass is concerned the skin issues may be caused by an immune disease or potentially cancer. A skin scraping and culture test soon rule out any serious issues and Dr. Waisglass sends Ping home with medicated shampoo to aid in his recovery. Finally, a Pomeranian puppy named Ella arrives at the clinic with serious health issues. Ella visits with Dr. Bryer, the clinic's emergency medicine veterinarian, who suspects the puppy is suffering from parvovirus. Here we learn that parvovirus enteritis is a virus seen mostly in puppies that attacks growing or dividing cells and can be deadly. Due to the highly contagious nature of parvovirus, the team is taking extra precautions to ensure no other animals contract the dangerous virus. Ella will have her blood drawn for testing and remain at the clinic overnight for further monitoring.

[Educational Message: In this episode, we learned that emergencies can happen very quickly in the field of veterinary medicine. Veterinarians must always be prepared to act fast when working in an emergency clinic. Preparation and education are vital to success.]

Airdate: 12/11/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

NATURE'S GIANTS [EDD403]

Today on Earth Odyssey, host Dylan Dreyer takes us on an adventure around the globe to find the most colossal creatures of the wild. First up, we'll travel to the Arctic to find the largest land carnivore on the planet, the polar bear. We'll discover that each year, the Arctic has one full day of darkness and one full day of sunlight due to the Earth's tilt. In this environment, being a big beast with a big appetite requires some serious adaptations. Despite weighing in at over 1,000 pounds, polar bears are known to be excellent swimmers. We'll learn that a thick layer of fat helps to keep them warm in the freezing waters. Here we'll witness how polar bears use their incredible stealth and camouflage to stalk seals on the sea ice. Next, we'll discover the largest animal on our planet, the blue whale. Growing to over 100 feet long and weighing 330,000 pounds, the blue whale outranks even the biggest dinosaurs. We'll discover that at birth, blue whales weigh over 5,000 pounds. Here we'll learn more about the fascinating migratory patterns of blue whales living in our planet's oceans. Finally, we'll journey to the Amazon to learn more about a predator that calls these waters home, the giant river otter. Giant river otters spend most of their time hunting. Nicknamed the "river wolf," the giant otter's size and speed allows it to compete for fish and even piranha. Moving and working as a pack, giant river otters are able to corral fish before easily picking them off one by one. We'll also learn more about the family dynamics of giant river otters as they guard their dens and protect their young from predators.

[Educational Message: In this episode, we discovered more about the giants of the animal kingdom. From massive mammals in the Arctic, to the seismic sea creatures of the oceans, these animals have been large and in charge for thousands of years.]

Airdate: 12/11/2021

Time:

Duration: 30:00

WILD CHILD

AFRICAN ANIMALS [WLC203]

Today on Wild Child, host Sheinelle Jones takes us on an adventure to Africa to discover the newborns of the savanna. As home to the hottest country, the longest river, and the most dangerous reptiles, Africa is truly a land of extremes. Boasting the biggest land animals on the planet, Africa's incredible giants are large and ready to take charge right at birth. First up, we'll start the morning with a massive mammal, the African buffalo. Like most cattle, these enormous bovines are gregarious, happily living together in large groups. We'll discover that some herds can contain more than one thousand individuals. Here we'll learn about the advantages of being part of such a large community. Aside from safety in numbers, we'll find out that knowledge of suitable grazing spots is shared so that the whole herd can join in on the feast. Grass is the preferred cuisine for African buffalo, but they will also eat various herbs and shrubs should the need arise. Next, we'll learn more about another iconic African mammal, the zebra. We'll join a mother zebra as her foal enjoys a breakfast suckle. Zebra foals do start eating grass by the time they're three years old but will continue to drink its mother's milk for several months. We'll learn that mothers form a strong bond with their youngsters in order to survive the extremes of Africa. As they grow older, zebras who display the most vigilance become the highest-ranking leader in the herd. We'll also learn that within a herd, zebras also have multiple smaller family groups.

[Educational Message: In this episode, we discovered more about the incredible wildlife Africa has to offer. From the most massive mammals, to the pint-sized primates, the care that a mother has for her newborn is on full display in the wilds of Africa.]

Airdate: 12/11/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

FOR COUNTRY AND FAMILY [RLT308]

Today on Roots Less Traveled, we're reflecting on two fascinating stories of family discovery. First up, host Faruq Tauheed takes brother and sister Katie and Jimmie to Fresno, California to learn about their Japanese roots in America. Katie and Jimmie are first taken to a farm in Fresno to find out how their ancestors were an important part of the local community. We'll learn that in 1915, Katie and Jimmie's great-grandparents owned and operated a vineyard in California's Central Valley. However, in 1941 when Japan attacked the U.S. at Pearl Harbor, President Roosevelt ordered all Japanese Americans on the west coast to be relocated. Katie and Jimmie visit the Fresno Assembly Center Memorial, which stands in remembrance of the 120,000 Japanese Americans made to leave their homes and imprisoned in assembly centers during World War 2. Next, Faruq takes mother and daughter Gwen and Gabrielle to visit the Lincoln Cottage in Washington, DC. Here we'll discover that Abraham Lincoln signed a bill in 1862 that freed all the enslaved persons in the District of Columbia, eight and a half months prior to the Emancipation Proclamation. Gwen and Gabrielle learn that this was the document that freed their ancestor from slavery. Inside the Lincoln Cottage, Gwen and Gabrielle have a chance to reflect on the history that changed their ancestor's lives.

[Educational Message: In this episode, we reflected on stories of incredible passion and determination. These families learned that their ancestors strived against great adversity and hardship during their lives. Better understanding our past can give us more confidence in ourselves.]

Airdate: 12/11/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

OUT OF THE ROUGH [TPS204]

First, we learn how NFL players have used the long off season to give back to their communities and support causes that promote education and opportunity for the next generation. Next, Noor Ahmed shares her experience being the only Muslim golfer on the University of Nebraska's golf team and the first Division 1 golfer in the U.S. to play while wearing a hijab, and her teammates discuss the impact Noor has had in teaching them about acceptance. Less than 1% of Nebraska's population identify as Muslim, and a hijab is the traditional covering for the head and neck that is worn by Muslim women. Then, we hear how a baseball team, the Fukushima Red Hopes, helped restore hope and life to Fukushima, Japan after destruction from a tsunami and nuclear meltdown by rebuilding and creating a new team. The Japanese equivalent to MLB is the Nippon Professional Baseball (NPB), and the Yomiuri Giants are the oldest team in the NPB and are known as the "Yankees" of Japanese Professional Baseball.

[Educational Message: Greatness can be defined in more ways than winning a gold medal--it can be achieved by being a leader, supporting others, and not giving up. Viewers learn the importance of giving back to your community, about Muslim culture, and the history of baseball in Japan.]

Airdate: 12/11/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

CAMEO APPEARANCE [VJG119]

Host Josh Garcia is in Campaña, Italy. He sails to Naples and samples the culture of the famous region. First, Josh heads straight to the source, in the countryside, to taste a local delicacy - true buffalo mozzarella. The name mozzarella comes from the Italian verb "mozzare," which means to sever with the hands. Then, on the storied Amalfi Coast, Josh learns how cameos, an ancient form of intricate shell carving, are made. The layers of the shell are shaved, shaped, and engraved to create beautiful pieces of art. Finally, he treks the coast to meet a falconer and his falcon. Josh tries his hand at the noble tradition of falconry.

[Educational Message: Taking an opportunity to learn the process of how things are made can be a rewarding experience. Understanding the process, can make you appreciate the end result that much more.]

Airdate: 12/11/2021

Time:

Duration: 30:00

VETS SAVING PETS

BUSTING OUT [VSP211]

Today on Vets Saving Pets, a cat has lost the spring in its step, a puppy is having dental issues, and a Whippet is having heart issues. First up, a puppy named Hershey arrives at the clinic with an unusual dental problem. Dr. French, the clinic's veterinary dentist, determines that Hershey hasn't lost any of her baby teeth. This condition is causing overcrowding in the mouth and can lead to complications such as periodontal disease if not treated. Dr. French will anesthetize Hershey and begin the process of extracting the remaining engrained root fragments. Next, a Whippet named Chelsea arrives at the clinic after receiving abnormal blood work results on her one-year checkup. Suffering from a heart murmur, Chelsea will need additional tests to further determine the extent of the issue. Dr. Williams, the clinic's cardiologist, is concerned that Chelsea's red blood cell count is extremely high. Dr. Williams will utilize an ultrasound

device to monitor the blood flow in Chelsea's heart. Here we'll discover that Chelsea has a shunt in her heart. We'll learn that a shunt occurs when blood is diverted in abnormal patterns in the heart. As this condition cannot be corrected with surgery, Dr. Williams prescribes medication to help manage the symptoms and extend Chelsea's life. Finally, a cat named Buster is rushed to the Emergency Veterinary Clinic suffering from walking issues. After examining the X-rays, Dr. Boyd determines that Buster has broken both of his hip joints and will require immediate surgery. For this procedure, Dr. Boyd will need to perform a femoral head excision, a process that removes the ball of the hip joints, creating a false joint that will help Buster regain mobility. Dr. Boyd will have to work extra carefully to avoid affecting Buster's sciatic nerve, which can cause serious issues if damaged.

[Educational Message: Veterinarians must have compassion for both their patients and their patients' owners. Working in an Emergency veterinary clinic presents challenging and emotional cases that can be difficult for pet owners to cope with. A career in veterinary medicine will have challenges but can be a rewarding profession.]

Airdate: 12/18/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

FROZEN KINGDOMS [EDD404]

Today on Earth Odyssey, host Dylan Dreyer takes us on a trip to find the animals living in the coldest places on the planet. First up, we'll travel to the highest and most extensive mountain range system, the Alps. The Alps are home to an estimated 30,000 animal species and roughly 13,000 plant species. Here we'll meet a unique creature that calls this region home, the Alpine marmot. Too small to face winter above ground, marmots will live in dens during the coldest times of the year. We'll learn that alpine marmots prefer a diet of foods considered high in fatty acids. These marmots must double their weight in order to survive the winter. We'll witness how Alpine marmots search for food while also avoiding predators in the harsh landscape. Next, we'll journey to Northern Alaska to learn more about a family of Arctic foxes. Arctic foxes are monogamous and will typically mate for life. We'll learn that furry soles keep Arctic fox's feet protected from the snow and ice. We'll also discover that short ears and a short muzzle reduces surface area, minimizing heat loss. Here we'll witness the fascinating hunting techniques used by Arctic foxes to find food in the deep Alaskan snow. Finally, we'll travel to the frozen forests of Europe to find a supremely secretive hunter, the Eurasian lynx. For half the year, these ancient woodlands are blanketed in snow, which makes finding food incredibly challenging. However, the Eurasian lynx has some clever adaptations to see it through the winter. Long legs with snowshoe-like paws help the lynx move effortlessly through the snow. We'll discover that in the summer, this adept hunter can bring down prey more than four times its own size. Here we'll witness how this incredible predator survives and thrives during the coldest months of the year.

[Educational Message: In this episode, we found the animals that thrive in the coldest places on our planet. Their survival is a testament to nature's ability to adapt to any circumstance, even the most challenging.]

Airdate: 12/18/2021

Time:

Duration: 30:00

WILD CHILD

THE FALL YEARS [WLC204]

Today on Wild Child, host Sheinelle Jones leads us on a journey around the planet to find the animal families of autumn. First up, we'll travel to China to learn about one of its most famous natural treasures, the giant panda. We'll get up close and personal with a baby panda and its mother as they start their morning. Giant panda cubs are dependent on their mothers for the first six months of life. We'll learn that pandas are considered mature between four and eight years of age. While pandas have been extensively studied, scientists don't know exactly why they have black and white markings. We'll also discover that giant pandas are not only great swimmers, but they're also excellent climbers. Remarkably, unlike other bears, pandas do not hibernate during colder months. Next, we'll learn that animals of all walks of life come into the world during autumn, including crocodiles. Known as the largest living reptile on the planet, we'll learn that adult saltwater crocodile's teeth can grow up to five inches long. Although when their lives start out, baby crocodiles are not quite as formidable. Here we'll follow along with saltwater crocodile hatchlings as they take their first swim. Testing out their instinctive hunting skills, these baby crocodiles go on the lookout for frogs and small aquatic insects. We'll learn that these babies won't reach maturity until roughly fourteen years old. Once fully grown, adult saltwater crocodiles have the strongest known bite pressure of any animal on the planet.

[Educational Message: In this episode, we went on an autumn adventure to learn more about the animal babies of our planet. Seeing nature's changes on full display and the animals that give it life, fall is a wonder to behold.]

Airdate: 12/18/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

TRUE FAMILY BONDING [RLT305]

Today on Roots Less Traveled, host Faruq Tauheed takes brother and sister Katie and Jimmie to Fresno, California to learn about their Japanese roots in America. First up, Katie and Jimmie are taken to a farm in Fresno to find out how their ancestors were an important part of the local community. We'll learn that in 1915, Katie and Jimmie's great-grandparents owned and operated a vineyard in California's Central Valley. However, in 1941 when Japan attacked the U.S. at Pearl Harbor, President Roosevelt ordered all Japanese Americans on the west coast to be relocated. We'll learn that President Roosevelt's executive order deemed Japanese Americans a national security risk. Katie and Jimmie visit the Fresno Assembly Center Memorial, which stands in remembrance of the 120,000 Japanese Americans made to leave their homes and imprisoned in assembly centers during World War 2. We'll discover that this was an extremely difficult time for Katie and Jimmie's ancestors as detainees were only allowed to bring as many belongings as they could carry to the assembly centers. However, in the face of hardship and humiliation, we'll learn that many in these camps worked to maintain a sense of normalcy. Detainees wrote newsletters in both Japanese and English, and even elected representatives. We'll discover that Katie and Jimmie's ancestor received awards in 1960 and 1967 for founding Japanese American community groups.

[Educational Message: In this episode, Katie and Jimmie learned about the incredible hardships faced by their Japanese American relatives during World War 2. Despite the challenges and humiliation, we learned that Katie and Jimmie's ancestors maintained an incredible sense of determination to retain their culture and traditions. Better understanding our past can give us more confidence in our future.]

Airdate: 12/18/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

A BOUT WITH DOUBT [TPS205]

First, Paralympic swimmer Jessica Long shares her story how she lost her legs due to fibular hemimelia, a condition when someone is born without a fibula, and after being adopted from Russia, went on to be a gold medalist. Next, Heimana Reynolds teaches the rules and tricks of skateboarding as he prepares for the Olympics. Skateboarding originated in California, and Alan “Ollie” Gelfand invented the ollie in the 1970s. Then, Paralympic cyclist Oksana Masters discusses how she learned to face her fears after being adopted as a young child and was given the opportunity to try new things. There are 22 sports in the Summer Paralympics; and in 2022, Beijing will be the first city to host both the Summer and Winter Paralympics. Then, Trayvon Bromell talks about how he learned to not let doubters affect his training or performance, going on to succeed in the Olympics. Bromell was the first junior athlete to break the 10-second barrier in the 100 meters.

[Educational Message: Greatness can be defined in more ways than winning a gold medal--it can be achieved by being a leader, supporting others, and not giving up. Viewers learn about the history of swimming and cycling in the Paralympics and the training it takes to compete in each sport, the history of skateboarding, and how to not let negative opinions cause self-doubt.]

Airdate: 12/18/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

JAMAICAN ME HUNGRY [VJG214]

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: 12/18/2021

Time:

Duration: 30:00

VETS SAVING PETS

BELLY OF THE BEAST [VSP212]

Today on Vets Saving Pets, a dog is suffering from a hernia, a Komodo dragon is in need of a spay, and a miniature pinscher arrives at the clinic with tooth pain. First up, a Standard Poodle named Spencer is brought to the clinic after suffering from severe stomach problems. After meeting with Dr. Martin, the clinic's Internal Medicine veterinarian, Spencer is diagnosed with esophageal hernia. Here we'll learn that an esophageal hernia is a condition in which the stomach moves into the esophagus and causes severe digestive problems. In order to fully evaluate the severity of the issue, Dr. Martin and Dr. Spencer will perform an endoscopy procedure to better examine Spencer's internal organs. Following a successful endoscopy exam, Spencer will be admitted to surgery to repair the esophageal hernia. Finally, a miniature pinscher named Tadpole arrives at the clinic suffering from issues with her teeth. Dr. French, the clinic's veterinary dentist, determines that Tadpole's canine teeth are embedded in her jaw and will need to be extracted. Dr. French explains this is a serious issue that can lead to major complications if not treated immediately. Due to Tadpole's miniature size, a tooth extraction can potentially fracture the dog's tiny jaw if not performed carefully. Here we'll learn that smaller dogs tend to have teeth too big for their mouths, making them more susceptible to dental complications. Finally, Dr. Boyd, the clinic's surgeon, is traveling to a local zoo to perform a spay on a Komodo Dragon named Loka. This is the first time Dr. Boyd has ever treated an exotic animal like Loka, so she will have to learn as she goes and work extra carefully on her new patient. Here we learn about the unique anatomy of Komodo Dragons, as well as how their metabolism is much slower than a mammal's, which means it will take longer for the reptile to recover after surgery.

[Educational Message: Veterinarians can specialize in many different areas of medicine, such as critical care, oncology, cardiology, neurology, anesthesiology, dermatology, dentistry, surgery, and more. In this episode, we witnessed the careful precision necessary when conducting surgical procedures. Education is critical to the success of these specialists.]

Airdate: 12/25/2021

Time:

Duration: 30:00

EARTH ODYSSEY WITH DYLAN DREYER

INGENIOUS ANIMALS [EDD405]

Today on Earth Odyssey, host Dylan Dreyer takes us around the world to find the most ingenious creatures of the animal kingdom. First up, we'll travel to the edge of the Sahara Desert to Senegal where we'll find a troop of chimpanzees. We'll discover that there are an estimated 300,000 chimpanzees in the wild. Living in this region of Africa for generations, these chimpanzees have slowly learned ways to adapt to this often-hostile environment. During the dry season, finding food and water in this harsh landscape can be a difficult task. Luckily, the older members of the troop have experienced dry weather like this before and know exactly where to find a drink. Here we'll witness the incredible intelligence of chimpanzees as they dig for water in dried riverbeds. Next, we'll travel to the plains of Sri Lanka to find a creature that never forgets, the elephant. These arid plains are home to one of the largest populations of wild elephants on Earth. Groups of elephants are led by a matriarch, the oldest and wisest elephant in the herd. Here we'll witness how the eldest members of the group use their supreme intelligence and memory to lead the herd to more fertile feeding grounds. Every dry season, herds of elephants retrace their own ancestral pathways towards a vast lake known as the Minneriya Tank. We'll learn that at the peak of the season, as many as three hundred elephants gather on these shores to drink and bathe. Finally, we'll visit the coastline of the Atlantic Ocean to learn more about an incredible bird species, the white stork. The area known as the Iberian Peninsula is home to the only colony of cliff-nesting white storks in the world. We'll discover that white stork nests are sturdy enough to withstand the extreme location as the same nesting sites are used year after year. These massive nests measure up to six feet wide, ten feet deep, and can weigh over one thousand pounds. Here we'll witness how white storks work as a team to ensure their survival for future generations to come.

[Educational Message: In this episode, we discovered some of the most ingenious animals on Earth. From old tricks passed down for generations, to new adaptations, these animals have found the smartest ways to survive in the wild. What these creatures sometimes lack in brawn, they make up for in brains.]

Airdate: 12/25/2021

Time:

Duration: 30:00

WILD CHILD

WILD, WILD SOUTHEAST ASIA [WLC205]

Today on Wild Child, host Sheinelle Jones leads us on a trip to discover the fascinating animal families of Southeast Asia. Known as the world's largest archipelago, Southeast Asia is a group of over twenty thousand unique islands that are teeming with life. We'll spend the morning with Thailand's national animal, the Asian elephant. These larger-than-life mammals can be found exploring tropical evergreen forests and grasslands throughout many regions of Southeast Asia. Although smaller than their African relatives, Asian elephants can still reach jumbo proportions with some weighing up to five tons. We'll learn that at birth, these big babies stand three feet tall and weigh a hefty two hundred pounds. Here we'll witness mom teaching her youngsters how to stay cool with techniques such as ear flapping and mud bathing. Next, we'll travel to the island of Borneo where a group of proboscis monkeys are taking in the morning views from their treetop fortress. Proboscis monkeys are named after the long, hanging nose that is present on males. Here we'll witness how the entire troop joins in on passing on their acrobatic climbing skills to the next generation of proboscis monkeys. While proboscis monkeys are excellent climbers, they are also proficient swimmers. We'll learn that proboscis monkeys will spend most of their lives within the trees near mangrove forests or jungle streams.

[Educational Message: In this episode, we discovered more about the most fascinating tropical toddlers of Southeast Asia. The rich and diverse wildlife found here makes it easy to see why this region is considered one of the most beautiful in the world. From the tropical forests, to the sun-soaked sands and volcanic vistas, Southeast Asia is a wild unlike any other.]

Airdate: 12/25/2021

Time:

Duration: 30:00

ROOTS LESS TRAVELED

THE PRICE OF FREEDOM [RLT306]

Today on Roots Less Traveled, host Faruq Tauheed takes mother and daughter Gwen and Gabrielle to Rockville, Maryland to learn more about their incredible family history. First up, Gwen and Gabrielle visit the Lincoln Cottage in Washington, DC, a home the president used as a retreat from the heat and politics of Capitol Hill. We'll find out that President Lincoln would ride three miles on horseback from the cottage to his office at the White House. Here we'll discover that Abraham Lincoln signed a bill in 1862 that freed all the enslaved persons in the District of Columbia, eight and a half months prior to the Emancipation Proclamation. Gwen and Gabrielle learn that this was the document that freed their ancestor from slavery. Inside the Lincoln Cottage, Gwen and Gabrielle have a chance to reflect on the history that changed their ancestor's lives. We'll discover that the Act of Congress that freed their ancestor in 1862, set the stage for President Lincoln's Emancipation Proclamation of 1863. This executive order changed the legal status of three and a half million people in the secessionist states. Finally, Gwen and Gabrielle will visit an actual

battlefield to learn the significant role the U.S. Colored Troops played in the Civil War. Gwen and Gabrielle discover that following the Emancipation Proclamation, their ancestor volunteered at the age of twenty-one to join military service. We'll learn that approximately two hundred thousand African American men joined the Union Army to fight for their freedom.

[Educational Message: In this episode, Gwen and Gabrielle discovered their family's unique connection to the Emancipation Proclamation. Furthermore, they learned that their formerly enslaved ancestor voluntarily joined the military after he was granted his freedom. Discovering this incredible resilience and determination has instilled Gwen and Gabrielle with a new sense of pride for their family roots.]

Airdate: 12/25/2021

Time:

Duration: 30:00

ONE TEAM: THE POWER OF SPORTS

RUNNING TOGETHER [TPS206]

First, long distance runner Aliphine Tuliamuk discusses her passion to inspire younger generations to defy the odds and not give up by telling her story of growing up in rural Kenya without shoes to eventually becoming a U.S. citizen and Olympic runner. Next, we hear how Pittsburgh Steelers linebacker Ryan Shazier found a new purpose after a devastating spinal injury ended his football career and raised questions if he would ever walk again. Having access to the best resources, Shazier did walk again and made it his mission to raise money for spinal injury rehabilitation in hopes to give more people access to opportunities and equipment. Then, golfer Nate Lashley discusses experiencing a devastating tragedy in college when he lost his parents in a plane crash and how he used the loss as encouragement to not give up on his goal in hopes to make them proud, eventually becoming a rookie on the PGA Tour. A player's rookie year consists of becoming a PGA tour member and playing in 10 or more events or finishing in the Top 125 on the Points List.

[Educational Message: Don't allow challenging circumstances to control your ability to succeed-- use each challenge as a learning opportunity to become better. Viewers learn steps to take to become a long-distance runner, the importance of not giving up, and tips for coping with grief and tragedy.]

Airdate: 12/25/2021

Time:

Duration: 30:00

THE VOYAGER WITH JOSH GARCIA

ALOHA SPIRIT [VJG301]

Host Josh Garcia sails to Oahu, Hawaii and explores the dynamic local culture. First, Josh takes a walk on the iconic Waikiki Beach and learns its history as the birthplace of surfing. The Polynesians were the first people to arrive on the island by way of canoe, and canoeing remains a popular activity on the island. Chinese, Japanese, and Filipino influences have also made their mark on this small island's culture, especially in the popular local foods. Then, Josh learns that there's more to leis than flowers, and that traditionally they can be made out of kukui nuts, feathers, and banana leaves. The kukui nut is from the kukui tree, the official state tree of Hawaii. Different leis have different meanings; for hula leis, different leaves are used depending on who is being honored in song. Next, Josh joins a local chef to help prepare a unique take on a popular Asian-style roll. Then, Josh tests his stamina and rhythm while training to be a hula dance warrior. Hula was brought to Hawaii by Polynesians and was handed down orally through

generations. This ancient style of dance is called Hula Kahiko. Ancient warriors used hula to develop Lua martial art skills. After a taste of hula warrior training, Josh witnesses an ancient hula celebrating the sun. Finally, Josh gets to paddle a canoe out of Waikiki Beach with a professional canoe racer.

[Educational Message: When many different cultures come together to define the culture of a city, you might witness a unique fusion of these cultures in the local cuisine, customs, and practices.]

Airdate: 12/25/2021

Time:

Duration: 30:00

VETS SAVING PETS

LONG IN THE TOOTH [VSP213]

Today on Vets Saving Pets, a cat arrives at the clinic with a strange condition, a dachshund has a cracked tooth, and a friendly feline helps to save lives. First up, a cat named Willow is brought to the Emergency Veterinary Clinic with a strange condition that causes her to constantly spin in circles. Dr. James, the clinic's neurologist, performs a neurological exam on Willow to determine what's causing this abnormal behavior. After examining Willow, Dr. James is convinced she is suffering from a left forebrain lesion. Here we'll learn that a lesion on the left forebrain can result in an inability to recognize or process incoming information from the right side of the body. Dr. James will recommend an MRI exam for Willow in order to confirm her diagnosis. Next, a dachshund named Penny is brought to the clinic with a broken tooth. However, it was previously determined that Penny suffers from a heart murmur. Before Penny can have her tooth fixed, she will need to meet with Dr. Williams, the clinic's cardiologist, to ensure she is cleared for surgery. Finally, we learn about the clinic's unique feline blood donor program, an important initiative that saves the lives of countless cats. Today, a foster cat named Bruce is visiting the clinic to donate blood for the donor program. As feline blood is not a readily available resource for veterinarians, volunteers like Bruce are critical to the program's success. Bruce will first need to be anesthetized so the team can safely draw his blood.

[Educational Message: We will all need help at some time or another, so it's important to help others if we are able. The feline blood donor program shows viewers how generous volunteers can make a big impact in the community and help save animal lives.]

For 4th Quarter 2021 **October 1, 2021 – Decemeber 31, 2021**

THERE WAS NO OTHER PROGRAMMING FOR THE 4TH QUARTER OF 2021, THAT CONTRIBUTED, AS PART OF NBC'S OVERALL PROGRAMMING, TO SERVE THE EDUCATION AND INFORMATIONAL NEEDS OF CHILDREN 16 AND UNDER.

4tht Quarter 2021 PSAs

NETWORK PUBLIC SERVICE SCHEDULE OCTOBER 2021

Air Date	Start Time	Program	Promo Title	House #	Type	Air Time
10/02/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
10/02/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2021, National 9/11 American Respiratory Care Foundation Missing Millions (:15)	RESP0008000H	PSA	10:24:25
10/02/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2021, National 9/11 American Respiratory Care Foundation Only Thing Worse (:15)	RESP0010000H	PSA	10:54:25
10/02/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	11:24:25
10/02/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2021, National 9/11 American Respiratory Care Foundation Missing Millions (:15)	RESP0008000H	PSA	11:54:25
10/02/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2021, National 9/11 American Respiratory Care Foundation Missing Millions (:15)	RESP0008000H	PSA	12:29:44
10/09/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
10/09/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
10/09/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:24:25
10/09/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Be Vocal :15	ZNBC20199H	PSA	11:54:25
10/09/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
10/09/2021	12:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:54:17
10/16/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
10/16/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:24:25
10/16/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:54:25
10/16/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	11:24:25
10/16/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:54:25
10/16/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	12:29:44
10/23/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
10/23/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25

10/23/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
10/23/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Be Vocal :15	ZNBC20199H	PSA	11:24:25
10/23/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:54:25
10/23/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Be Vocal :15	ZNBC20199H	PSA	12:29:44
10/30/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
10/30/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
10/30/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:54:25
10/30/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	11:24:25
10/30/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:54:25
10/30/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	12:29:44

NETWORK PUBLIC SERVICE SCHEDULE NOVEMBER 2021

Air Date	Start Time	Program	Promo Title	House #	Type	Air Time
11/06/2021	08:30:00	NBC NEWS - NIGHTLY NEWS FOR KIDS	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	08:40:53
11/06/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
11/06/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
11/06/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	11:24:25
11/06/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:54:25
11/06/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
11/06/2021	12:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	12:54:17
11/13/2021	09:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/GARI PSA (:15)	PTCP1081000H	PSA	09:29:44
11/13/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/GARI PSA (:15)	PTCP1081000H	PSA	09:54:17

11/13/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/GARI PSA (:15)	PTCP1081000H	PSA	10:24:25
11/13/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/ANDREA PSA (:15)	PTCP1080000H	PSA	10:54:25
11/13/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/ANDREA PSA (:15)	PTCP1080000H	PSA	11:24:25
11/13/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	T-MOBILE BECAUSE I'M A VETERAN/GARI PSA (:15)	PTCP1081000H	PSA	11:54:25
11/20/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	09:54:17
11/20/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
11/20/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
11/20/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:24:25
11/20/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:54:25
11/20/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
11/27/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	09:54:17
11/27/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
11/27/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
11/27/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:24:25
11/27/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	11:54:25
11/27/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	12:29:44

NETWORK PUBLIC SERVICE SCHEDULE DECEMBER 2021

Air Date	Start Time	Program	Promo Title	House #	Type	Air Time
12/04/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
12/04/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	10:24:25
12/04/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:54:25
12/04/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:24:25

12/04/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:54:25
12/04/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
12/11/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	09:54:17
12/11/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
12/11/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
12/11/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:24:25
12/11/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:54:25
12/11/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
12/18/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	09:54:17
12/18/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	10:24:25
12/18/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	10:54:25
12/18/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Teaching Kids About Equity :15	ZNBC20198H	PSA	11:24:25
12/18/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Use Your Voice Against Injustice :15	ZNBC201103RH	PSA	11:54:25
12/18/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	PSA 2020, The More You Know, Diversity, Equity & Inclusion Speaking Up for Justice :15	ZNBC201105H	PSA	12:29:44
12/25/2021	09:30:00	TMYK VETS SAVING PETS 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21118H	Promo	09:54:17
12/25/2021	10:00:00	TMYK EARTH ODYSSEY WITH DYLAN DREYER #1 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21115H	Promo	10:24:25
12/25/2021	10:30:00	TMYK WILD CHILD 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21118H	Promo	10:54:25
12/25/2021	11:00:00	TMYK ROOTS LESS TRAVELED 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21115H	Promo	11:24:25
12/25/2021	11:30:00	TMYK ONE TEAM: THE POWER OF SPORTS 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21118H	Promo	11:54:25
12/25/2021	12:00:00	TMYK THE VOYAGER WITH JOSH GARCIA 30 MIN (4 SEG)	SYM21 UPG TMYK PSAS SING 2 SCRIPT 1 NOW PLAYING :15	ZNBC21115H	Promo	12:29:44

4th Quarter 2021 PSAs

NBC NETWORK NON-BROADCAST EFFORTS

October - December 2021

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

- COMMUNITY – contributing to the common good and create a positive impact on those around you
- CIVIC ENGAGEMENT - volunteering, voting or advocating are key to stronger communities, safer neighborhoods and happier citizens

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.