

lobaki™

InCareK12

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K-12 Experiences



**Immersive
Institute**

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INTERACTIVE EXPERIENCES –

Come with Built-In Guides & Quizzes and are available with or without Wi-Fi.

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VIRTUAL FIELD TRIPS –

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INTERACTIVE EXPERIENCES

HEALTH & PHYSICAL EDUCATION

Crash Course Coordination:

C3 is a selection of gamified oculomotor exercises, designed to help you concentrate on tracking, focus and perception with your eyes. It includes 6 distinct, entertaining techniques used to stimulate the vestibular system, enabling you to utilize your vision and perception in fun and challenging ways.

Picto Puzzle:

Improve your spatial reasoning skills with this fun game by assembling a picture from a set of cubes before the time runs out. Choose from a variety of pictures or load your own. Puzzles can be set to a 3x3, 4x4, or 5x5 grid for a variety of skill levels.

MATH

Geometry Jam:



Students can visit six pods as they complete activities and answer prompts related to basic measurement, area, graphing, triangles, polygons, and volumes. They'll learn how to use tools like tape measures and compasses, dissect complex problems, and think critically about how geometry principles can be used to study their surroundings.

Over 100 word problems are built into the experience, showing students how these concepts apply to the real world around them.

Fraction Pizzeria:



Students can learn about fractions by taking customers' orders, building pizzas, running the register, and experimenting with slopes.

Picto Puzzle:

Improve your spatial reasoning skills with this fun game by assembling a picture from a set of cubes before the time runs out. Choose from a variety of pictures or load your own. Puzzles can be set to a 3x3, 4x4, or 5x5 grid for a variety of skill levels.

MEDIA ARTS

Interior Design – Tiny House:



Become an interior designer as you select the materials for this tiny house! You will be able to control everything from the wall color and furnishings to the window trim and siding.

MUSIC

Music Playground:



Be immersed in a concert hall with intractable musical instruments that can be used collaboratively to play, teach, or learn about music and sound waves. Students can even write their own music loops.

SCIENCE

Anatomy Lab:



Highly interactive anatomy classroom set in a hospital operating room. Students assemble the human body piece by piece, starting with the bones, and then the muscles and organ groups. There are over 90 separate body parts to learn about!

Anatomy of Hearing:

Explore the various functions of the human ear and learn about the inner workings of the auditory system. This guided immersive presentation begins with sound waves entering the ear, then highlights the intricate details of the cochlea, before ending with an overview of the brain's central auditory pathway. You can explore these amazing anatomical structures from any scale and angle as you learn each part's function and purpose.

Biology Lab: Cells/Genetics



Life/Chemistry



Learn about what it means to be alive in this nature-based biology experience! Investigate the seven characteristics of life, observe samples under a microscope, and learn about the four macromolecules of biology. Continue your exploration of biology as you investigate the structures and functions of cells. Learn about the functions of the organelles like parts of a factory, then explore the cell cycle, protein synthesis, cellular respiration, genetics, and CRISPR.

Cell Classroom:



Shrink yourself down to the microscopic level and travel inside a plant cell. Explore the different organelles to get a sense of the similarities and differences between plant and animal cells.

You can swim under the surface of the cytoplasm, investigate the complex structures of the cell wall, and explore the contents of a plant cell's giant vacuole.

Chemistry Lab:



Conduct exciting experiments, witness molecules form at the atomic level and investigate the reactions between common lab chemicals. Become familiar with some common laboratory equipment, including important lab safety tools. You can also practice your unit conversion skills, learn about the history of how we understand atoms, and explore the concept of Avogadro's Number and the mole.

Cloud Climb:



The earth's atmosphere becomes your classroom as your class rises through its layers to learn about its different properties. Visit the different types of clouds, experience various atmospheric phenomena, and travel all the way up to outer space.

Computer Lab:



Explore the various components of a PC, assemble them into a full machine, and learn about some common ports.

Crash Course Coordination:

C3 is a selection of gamified oculomotor exercises, designed to help you concentrate on tracking, focus and perception with your eyes. It includes 6 distinct, entertaining techniques used to stimulate the vestibular system, enabling you to utilize your vision and perception in fun and challenging ways.

Earth Science Explorations:



Explore the fascinating sciences of geology, archaeology, seismology, and astronomy in this exciting experience! Venture down into the valley to uncover fossils from hundreds of millions of years ago, learning about Earth's ancient history along the way. Investigate the rock cycle by examining different rock specimens and determining what natural processes led to their formation.

Immerse yourself in an earthquake, watching the city shake around you while learning about the different types of faults and seismic waves.

Then, look to the skies as you learn about the movement of the Earth and Moon, explore the other planets in our solar system, and discover how our understanding of the universe has changed over time.

EKG Concepts:

This 45-minute course gives students a thorough understanding of the anatomy of the human heart and explains the process of connecting and utilizing a 12-lead EKG to monitor a patient.

Light Lab:



This highly interactive classroom teaches students about the electromagnetic spectrum including activities like the double slit experiment, shining lights through a prism, building waves, stacking light, and playing with lenses.

Music Playground:



Be immersed in a concert hall with intractable musical instruments that can be used collaboratively to play, teach, or learn about music and sound waves. Students can play a giant piano, learn about chords, scales, and even write their own music loops.

Periodic Table of Elements:



Interactive classroom that teaches students about the periodic table of elements, their chemical and physical properties, and their atomic structures.

Physics Lab:



This highly interactive immersive learning lab will guide you on your intro into physics as you explore Newton's Three Laws of Motion, the different types of friction, the laws of gravity, and the ways that energy can be transformed. Whether you're going bowling, riding in a hot air balloon, or weighing yourself on Mars, the lessons are fun, engaging, and cover the fundamentals of middle and high school physics concepts.

SkyView VR:



Explore the skies from any location on Planet Earth! Learn about latitude and longitude by moving a pin across the map and comparing its location to the globe. Select your coordinates, then view how the stars move across the sky as time progresses.

Try toggling the names and outlines of the constellations! You can also view the weather data and current conditions for any location on Earth.

Solar System:



Interactive classroom that turns participants into astronauts as they travel across the solar system. Students can visit each planet, watch them orbit, and listen to audio clips about them.

SOCIAL STUDIES

Ancient Egypt – Hall of Pharaohs:



Visit the Hall of Pharaohs to interact with props and artifacts and learn from 5 of Egypt's most well-known pharaohs of all time: Ramesses the Great, Nefertiti, King Tut, Alexander the Great, and Cleopatra.

Hall of Civil Rights Leaders:



Five Civil Rights leaders - Rosa Parks, John Lewis, Martin Luther King Jr., Thurgood Marshall, and Medgar Evers - come to life and teach you their stories on interactive stages.

A central atrium can host full class sessions and round-circle discussions. Each character's stage has interactive props that let the students take part in the storytelling.

Historic Jamestown:



Travel back in time to the earliest days of US History as you visit Jamestown Colony. You'll be able to explore the historic fort as it originally appeared, examine historical artifacts, and even meet famous figures like Pocahontas and John Smith. The experience covers everything from the settlers' early days, the struggles they faced, and the origins of government as we know it today.

Independence Hall:



George Washington, John Adams, Thomas Jefferson, Benjamin Franklin, and John Hancock - come to life to tell you their stories about the founding of the United States.

Medgar Evers House:

Recreation of the Medgar Evers House and National Monument. Built for/in collaboration with the Evers family to preserve their legacy and offer a way for people to tour the house and learn about Medgar Evers.

SkyView VR:



Explore the skies from any location on Planet Earth! Learn about latitude and longitude by moving a pin across the map and comparing its location to the globe. Select your coordinates, then view how the stars move across the sky as time progresses.

Try toggling the names and outlines of the constellations! You can also view the weather data and current conditions for any location on Earth.

INTERACTABLE OBJECTS

Fine Arts

- **Music Notes:** A Sharp | C Sharp | D Sharp | A | B | C | D | G
- **Painting Tool:** Select the color you want to paint the other objects, then touch one painting tool to the other to change its color.

Math

- **US Bills:** \$1 | \$2 | \$5 | \$10 | \$20 | \$50 | \$100
- **US Coins:** Penny | Nickel | Dime | Quarter
- **Money Pallets:** \$100m | \$10m | \$1m
- **Money Stacks:** \$100k | \$10k | \$1k
- **10 × 10 Array:** Interactive math tool used to help students understand fractions, decimals, percents, and ratios by toggling 100 individual cubes on or off.
- **Multiplication Table:** An interactive 10x10 multiplication table that visualizes multiplication in rows and columns. Individual numbers can be toggled on or off to allow for quizzing.
- **Tens Frame:** Students can use the interactive Tens Frame to explore the concepts of basic addition, subtraction, and representation of numbers 1-10.
- **Number Builder:** This interactive math tool lets students explore place value up to the trillions place, and down to the trillionths place. The value of each place can be set, allowing users to create any number, big or small. Teachers can also use this as a quizzing tool by hiding the place value labels.
- **Number Line - Whole Numbers (Positive):** Whole numbers 1-100, grouped in sections of 10 at a time. Students can use this tool to practice counting by 1, 2, 3, 4, 5, or 10.
- **Place Value Blocks:** Students can learn about place value with these 3D blocks representing 1, 10, 100, and 1000.
- **Place Value Whiteboard:** This interactive whiteboard is labeled with boxes for representing the place value of numbers. Students can use this as a tool to learn about place value, then compare the values of two different numbers.
- **Point Plotter:** Plot up to 12 line segments on a grid by defining each point's position and rotation.
- **Abacus:** Interactive math tool lets students toggle individual beads back and forth, which they can use to learn about place value, perform basic calculations, or represent large numbers.

- **Scalable Objects:** Cone | Cube | Cylinder | Sphere | Triangular Prism | Rectangular Pyramid | Triangular Pyramid | Rhombus Tile | Narrow Rhombus Tile | Wide Rhombus Tile | Pentagon Tile | Octagon Tile | Hexagon Tile | Trapezoid Tile | Square Tile | Obtuse Isosceles Triangle Tile | Acute Isosceles Triangle Tile | Equilateral Triangle Tile
- **Exponents Visualizer:** A visualization of how exponents work using colorful cubes for numbers 1-10.
- **Protractor - 360°:** This interactive measuring tool can be used to measure angles of any object in any scene. The measuring arm can be moved in 1°, 5°, 10°, 15°, 20°, 30°, or 45° increments, allowing students to dynamically measure angles of any value.
- **Tape Measure:** Interactive at-scale measuring tool. Users can extend the tape in 1-ft segments up to 10 feet.
- **Tape Measure (Metric):** Interactive at-scale measuring tool. Users can extend the tape in ½ meter segments up to 5 meters.
- **Pythagorean Theorem Visualizer:** Interactive visualization of the Pythagorean Theorem. Select values for sides A and B to generate a triangle, then apply the theorem for side C.
- **Revolved Cone:** Visualization of how a 2D right triangle can be revolved into a 3D cone.
- **Revolved Cylinder:** Visualization of how a 2D rectangle can be revolved into a 3D cylinder.
- **Revolved Sphere:** Visualization of how a 2D semicircle can be revolved into a 3D sphere.
- **Ferris Wheel - Sine & Cosine Demo:** Learn about the sine and cosine functions by plotting your position as you ride on a Ferris Wheel.
- **Math Words (3D representation):** Zero | One | Two | Three | Four | Five | Six | Seven | Eight | Nine | Ten | Eleven | Twelve | Thirteen | Fourteen | Fifteen | Sixteen | Seventeen | Eighteen | Nineteen | Twenty | Thirty | Forty | Fifty | Sixty | Seventy | Eighty | Ninety | Hundred | Thousand | Million | Billion | Trillion | And | Point | Th | Ths
- **Metric Volumes:** 1000 mL Beaker | 1-Kiloliter Tank | 1-Liter Bottle | 2-Liter Bottle
- **US/Imperial Volumes:** Gallon | Quart | Pint | Cup | Tablespoon | Teaspoon

Science

- **Sun Formation:** See lots of Particles colliding to form the Sun.
- **Sun:** Rotating model of the Sun.
- **Star Visualizer - Exponents:** Visualization of the number of stars in the universe using color-coded exponential groups.

- **Star Visualization – Sand Pile 1:** Visualization of the number of stars in the universe as grains of sand on a map of the US.
- **Star Visualization – Sand Pile 2:** Visualization of the number of stars in the universe as grains of sand on a map of the US.
- **Moon Phases:** Interactive display of the phases of Earth's Moon.
- **Big Bang Explosion:** Explosion particle effect with fire, smoke, and plasma.
- **Big Bang Sound:** Sound effect of what scientists estimate the big bang would have sounded like.
- **Solar System Model:** Animated model of the solar system where rotation and revolution speeds are scaled accurately.
- **Swirling Galaxy:** Rotating spiral-shaped galaxy.
- **International Space Station:** Model of the exterior of the International Space Station.
- **Earth Cutaway:** A model of Earth with a section cut away to expose its layers.
- **Earth Cutaway Info:** An Infographic model of Earth with a section cut away to expose its layers.
- **Earth Magnetic Field:** Animated visualization of the electromagnetic field surrounding Planet Earth.
- **Volcano:** Experience a model of an Erupting Volcano.
- **Bunsen Burner & Beaker:** Interactive model of a Bunsen burner, beaker and ring stand. Toggling the valve turns on the burner flame and starts a chemical reaction in the beaker.
- **Erlenmeyer Flask:** Flask/beaker with a chemical reaction taking place inside.
- **Microscope:** Highly interactive science lab microscope with 4 different, insertable slides that they can view at 3 different zoom levels.
- **Hazardous Waste Disposal:** Interactive model of a hazardous waste receptacle.
- **Fire Extinguisher:** Interactive model of a fire extinguisher that allows for the user to pull the pin, aim the handle, and squeeze the trigger to produce the foam.
- **Lab Safety Manual:** Interactive 10-page safety manual covering the fundamentals of science lab safety.
- **Emergency Eye Wash:** Interactive model of an emergency eyewash and shower station as found in a science lab.
- **Face Mask:** Photorealistic model of a blue disposable face mask.
- **Science Lab Fume Hood:** Interactive science lab fume hood.
- **Accelerant Turbine:** Model of a steam turbine set in a warehouse location.
- **X- Ray Machine:** Interactive model of an x-ray machine.
- **Gas in Tank:** Three colored liquids of different densities flow out of pipes and stack on top of each other in a tank.
- **Liquid Particles in Tank:** Liquid particles that move randomly inside a tank.

- **Solid Particle Arrangement:** Rotating cube of crystalline atomic structure.
- **Elementary Particle Swarm:** Protons, neutrons, and electrons move around randomly.
- **Speed of Light:** Visualization of the speed of light showing a glowing orb that revolves around the earth 7 times in one second.
- **Particle Collision with Sparks:** Two swarms of particles colliding with each other and forming sparks.
- **Hydrogen and Helium Formation:** Protons, neutrons, and electrons move around randomly and then collide to form hydrogen and helium atoms.
- **Covalent Bonding:** H₂ | H₂O Hybridized | O₂ Hybridized | Glucose Hybridized
- **Ionic Bonding:** MgSO₄ | NaF | NaCl | NaOH
- **Electromagnets:** Small Solenoid - 15 coils | Large Solenoid - 26 coils
- **Magnets:** Like Poles | Opposite Poles | Single Bar | Two Bars | Horseshoe
- **Brain:** Anatomy of Vision | Layer Dissection | Limbic System | Central Auditory Pathway
- **Brain:** Realistic model of the human brain.
- **Liver:** Realistic model of the human liver.
- **Heart:** Realistic model of the human heart.
- **Lungs:** Realistic model of the human lungs.
- **DNA Structure:** Interactive model of DNA in which students can highlight structures, atoms & bonds.
- **Abundance of Elements – Human Body:** Learn about the 30 most abundant elements in the human body and visualize their proportions on a gigantic scale.
- **Hierarchy of Life Pyramid:** This interactive biology tool teaches about the 13 tiers in the hierarchy of life, starting from the atomic level and scaling all the way up to Earth's entire biosphere.
- **Amino Acid Builder:** Learn about how the nucleotides in our DNA guide the construction of protein chains! Create a codon by setting your three nucleotides, then see which amino acid gets built. You can also learn more information about each of these amino acids.
- **Carbohydrates:** Fructose – Monosaccharide | Glucose – Monosaccharide | Hyaluronic Acid – Polysaccharide | Raffinose – Oligosaccharide | Sucrose - Disaccharide
- **Phospholipid Molecule:** An interactive model of a phospholipid molecule, an important type of lipid found in many membrane structures. Students can highlight individual atoms and structures within the molecule.
- **Nucleobases:** Adenine Molecule | Cytosine Molecule | Guanine Molecule | Thymine Molecule | Uracil Molecule

- **Punnett Square - Eye Color (Monohybrid Cross):** This interactive tool lets students select the genotype of two parents' eye color, then visualize the resulting Punnett Square. They can then randomly select an offspring and explore the probability of genetics.
- **Punnett Square - Eye Color (Dihybrid Cross):** This interactive tool lets students select the genotype of two parents' eye color, then visualize the resulting Punnett Square. They can then randomly select an offspring and explore the probabilities of genetics.

Social Studies

- **Artifacts from Ancient Greece:** Amphora Jar | Aphrodite Statue | Discobolus Statue | Hercules and Calliope Statue | Lebes Gamikos Vessel | Pelike Jar | Wine Jug
- **Modular Building Pieces for Students to Design/Recreate Ancient Greek Amphitheaters:**
- Ancient Greek Amphitheater Section | Ancient Greek Tiled Floor Plane | Ancient Greek Doorway | Ancient Greek Doric Column – Fluted | Ancient Greek Doric Column | Ancient Greek Pediment | Ancient Greek Semicircle Wall | Ancient Greek Decorated Wall | Ancient Greek Wall | Ancient Greek Roof | Ancient Greek Steps
- **Thurgood Marshall Dissent Brief:** A digitized document of Supreme Court Justice Thurgood Marshall's dissent brief in the San Antonio v. Rodriguez case that showcases his powerful rhetoric.
- **Thurgood Marshall Planner:** A recreation of Supreme Court Justice Thurgood Marshall's notebook, featuring a letter he sent to fellow activist Charles Hamilton Houston.
- **MLK Birmingham Jail Cell:** A recreation of the famous jail cell where Dr. Martin Luther King, Jr. wrote his famous "Letter From Birmingham Jail".
- **Liberty Bell:** Interactive recreation of the Liberty Bell, a famous symbol of American independence. Touch the bell to swing it and hear it ring.
- **Segregated Lunch Counter:** A recreation of a 1950s-era segregated lunch counter where many sit-ins and protests took place during the Civil Rights Movement.
- **Lincoln Memorial:** A scale model of the Lincoln Memorial in Washington, DC.
- **Supreme Court:** Recreation of the justices' bench in the US Supreme Court's main chambers.

Miscellaneous

- **Trolley Barn:** Mockup of a proposed design for a trolley bar in Belmont, NC.

IMMERSIVE VIDEOS

3rd Grade

SCIENCE

Life Science

Glow Worm Caves of New Zealand

Deep below ground, you will learn about strange carnivorous worms. (2 min) [191](#)

How Animals See the World

Experience how different animals see the world. Includes a human, cat, dog, fly, rat, and snake's point of view. (4 min) [207](#)

Attenborough and the Giant Dinosaur

Learn all about the Titanosaur with David Attenborough. (4 min) [35](#)

Giraffatitan Dinosaur: Back to Life in 360 VR

Encounter the Jurassic giant Giraffatitan, one of the tallest dinosaurs that ever lived, and learn all about how it lived and who its descendants are. (4 min) [188](#)

Rhomaleosaurus Sea Dragon: Back to Life in 360 VR

Encounter the prehistoric sea dragon Rhomaleosaurus, as it roams the gallery over 180 million years after it died. (4 min) [328](#)

VR Jurassic Dinosaur

Explore what life was like during the age of the dinosaur. (3 min) [426](#)

SOCIAL STUDIES

Economics

360 Farm Tour: It Starts with a Seed

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 1 (6 min) [5](#)

360 Farm Tour: As the Corn Grows

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 2 (4 min) [6](#)

360 Farm Tour: Harvesting the Corn

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 3 (4 min) [7](#)

360 Farm Tour: Protecting the Corn

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 4 (4 min) [8](#)

Story of Oats

In this 360-video tour, you'll get to see how oats are transformed from a plant in the field to the food on your table. (6 min) [369](#)

Weaving Around the World

Follow the process of weaving that has been developed across cultures for thousands of years. From Venice to Addis Ababa, and the West Bank to the Navajo Nation Reservation. (4 min) [437](#)

Geography

Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Rescuing Rhinos - Racing Extinction

Join a biologist on an interactive mission to learn how animals critical to the world's ecosystem thrive and survive in the wild. (5 min) [323](#)

The Fight to Save Threatened Species

Get closer than ever before to the most extraordinary creatures on the planet. Whale sharks, rhinos, elephants, manta rays, and lions are all threatened with extinction. (2 min) [388](#)

After the Floods: Rebuilding Ellicott City

Take an immersive journey through the flooding, aftermath, and reconstruction of Ellicott City, Maryland to give a new perspective on the damage done by flooding. (6 min) [25](#)

Chennai Floods Aftermath

Take an immersive journey through the impact, rescue, and reason for the floods that occurred in Chennai, India, in December 2015. (6 min) [76](#)

Kamchatka Volcano Eruption

National Geographic VR takes you to the rim of a spectacular erupting volcano: Klyuchevskoy, one of the tallest and most active volcanoes on the planet. (2 min) [228](#)

Life in Haiti: After a Devastating Natural Disaster

Join filmmaker Dylan Roberts on a journey to the Haitian city of Jérémie, and the small village of Manish, to witness the aftermath of a colossal storm. (5 min) [258](#)

Category 3 Hurricane Landfall Simulation

Experience a category 3 hurricane through a simulation with guided popups. (1 min) [74](#)

Earthquake VR Experience

Be exposed to a virtual earthquake that provides a life-like training experience, without an actual earthquake. (2 min) [115](#)

Expedition to the Heart of an Active Volcano

Join a group of climbers as they embark on a scientific exploration into an active volcano. (5 min) [129](#)

Close-Range Tornado

Get up close and personal with a tornado near Wray, CO from May 7th, 2016. (8 min) [80](#)

Boston Snowstorm from Bunker Hill Monument

Watch a major winter storm move through the city of Boston in this time-lapse from the top of Bunker Hill Monument. (3 min) [56](#)

4th Grade

SCIENCE

Earth & Space Science

Category 3 Hurricane Landfall Simulation

Experience a category 3 hurricane through a simulation with guided popups. (1 min) [74](#)

Close-Range Tornado

Get up close and personal with a tornado near Wray, CO from May 7th, 2016. (8 min) [80](#)

Life Science

What Happens Inside Your Body?

The human body is an amazing and unique machine that triggers thousands of processes every second, learn about them on this adventure. (8 min) [441](#)

Human Digestive System in VR

Take an amazing journey through the body and find out what happens to your food as it travels through the digestive system. (3 min) [209](#)

Bears of Kamchatka, Kambalnaya River

Follow along as you experience the Bears of Kamchatka and learn about their habitat, daily life, and mating season. (5 min) [52](#)

Chengdu Panda Base, China

Get an in-depth look at the pandas that call Chengdu Panda Base their home and learn about their habitat, diet, and daily life. (11 min) [75](#)

Explore the Coral Restoration

Learn about the ecology of coral reefs, natural and human threats to corals, and the science of coral restoration. (4 min) [139](#)

Reef 1

Swim along an active thriving reef. (1 min) [318](#)

Reef 2

Swim along an active thriving reef. (1 min) [319](#)

Reef 3

Swim along an active thriving reef. (1 min) [320](#)

SOCIAL STUDIES

Geography

Weaving Around the World

Follow the process of weaving that has been developed across cultures for thousands of years. From Venice to Addis Ababa, and the West Bank to the Navajo Nation Reservation. (4 min) [437](#)

Chennai Floods Aftermath

Take an immersive journey through the impact, rescue, and reason for the floods that occurred in Chennai, India, in December 2015. (6 min) [76](#)

Himalayas: A Trek to School

Follow two girls as they travel up to 6 hours a day to school in a remote Himalayan village. (8 min) [204](#)

Life in Haiti: After a Devastating Natural Disaster

Join filmmaker Dylan Roberts on a journey to the Haitian city of Jérémie, and the small village of Manish, to witness the aftermath of a colossal storm. (5 min) [258](#)

Out of Syria - Back to School

Step into the lives of two teenagers from war-torn Syria, Mustafa and Sarah. They both fled the fighting with their families. They left their homelands and their schools behind. (4 min) [301](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

5th Grade

SCIENCE

Earth & Space Science

The Aurora Borealis Over Alaska's Chatanika River

Explore a timelapse of the Aurora Borealis filmed during a geomagnetic storm by William Briscoe Photography. (5 min) [381](#)

360 Degree Video of the Milky Way

Explore a timelapse of the moving night sky. (1 min) [4](#)

Enter the Black Hole

Enter a black hole and explore the area around it. (5 min) [128](#)

Explore the Solar System

Take a virtual tour of our Solar System, with the help of Crash Course Astronomy host Phil Plait. (5 min) [142](#)

Journey Into the Orion Nebula

Journey into the famous star-forming region of the Orion Nebula based on an image from the Hubble Space Telescope. (2 min) [225](#)

Journey to the Edge of Space

Experience what it's like to leave Earth, traveling to over 90,000 feet into the stratosphere. (5 min) [226](#)

Mars - The Red Planet VR Documentary

Explore the planet Mars and see its history of exploration. (12 min) [273](#)

The Night Sky and Milky Way: Visualize Astronomy

Enjoy a panoramic view of the night sky and the Milky Way. (1 min) [391](#)

Solar Eclipse 2017

Watch a total solar eclipse that took place in Casper, Wyoming on August 21st, 2017. (5 min) [358](#)

VR Solar System Space Video

This amazing 360 video will transport you through our galactic neighborhood, the solar system. (18 min) [429](#)

Damming the Nile: Episode 1

Africa's largest hydroelectric power project is two thirds finished, and the dam can already control the flow of the Blue Nile, which is deeply upsetting downstream Egypt who they didn't consult before building started. (13 min) [94](#)

Damming the Nile: Episode 2

Journey to the great farming projects of Sudan, fly to a festival on the banks of the Nile and explore the ancient Sudanese pyramid. Then launch in a balloon over Luxor to find out how much this river means to the land of the pharaohs. (16 min) [95](#)

Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Life Science

The Aurora Borealis Over Alaska's Chatanika River

Explore a timelapse of the Aurora Borealis filmed during a geomagnetic storm by William Briscoe Photography. (5 min) [381](#)

SOCIAL STUDIES

Civics

Women's March in Chicago

Witness a Women's Rights march in Chicago that was held on January 21, 2017. (2 min) [450](#)

March for Our Lives

Be immersed in Pioneer Valley's March for Our Lives that was held on March 24, 2018. (1 min) [272](#)

Syrians "Have to Survive Having No Rights" in Lebanon

Learn about Syrian refugees who are living in makeshift settlements under harsh conditions, with no legal rights in Lebanon's Bekaa Valley. (3 min) [376](#)

Civil Rights

Out of Syria - Back to School

Step into the lives of two teenagers from war-torn Syria, Mustafa and Sarah. They both fled the fighting with their families. They left their homelands and their schools behind.

(4 min) [301](#)

Seeking Home: Life Inside the Calais Migrant Camp

Become part of a camp in northern France where migrants and refugees hope to make it across the English Channel to start a new life in the United Kingdom. (6 min) [350](#)

Women's March in Chicago

Witness a Women's Rights march in Chicago that was held on January 21, 2017.

(2 min) [450](#)

March for Our Lives

Be immersed in Pioneer Valley's March for Our Lives that was held on March 24, 2018.

(1 min) [272](#)

Syrians "Have to Survive Having No Rights" in Lebanon

Learn about Syrian refugees who are living in makeshift settlements under harsh conditions, with no legal rights in Lebanon's Bekaa Valley.

(3 min) [376](#)

Traveling While Black

This film offers a revealing view of the Green Book Era as told through Ben's Chili Bowl, a black-owned restaurant in Washington, to remind us of the hardships that African Americans faced during that time.

(20 min) [404](#)

Discover the Taj Mahal, India

Join Asha Leo as she ventures around India and explores the Taj Mahal. (5 min) [104](#)

Taj Mahal 360 Degree (VR) Tour in India

Explore one of the 7 Wonders of the World, the Taj Mahal in India. (2 min) [377](#)

Hajj - Experience the Journey to Mecca

Walk with Al Jazeera's, Basma Atassi, in Mecca to see the major landmarks that millions of Muslims visit during the period of Hajj, the annual Islamic Pilgrimage. (8 min) [199](#)

Japan - Where Tradition Meets the Future

Explore Japanese tradition, modernity, and nature. (3 min) [224](#)

Walking Tours of Japan - Kiyomizudera Temple in Kyoto

Experience a walking tour of Kiyomizudera Temple in Kyoto, Japan. (17 min) [431](#)

Economics

AeroFarms: The Future of Farming

See how AeroFarms in Newark, NJ grow over 2 million pounds of greens a year without sunlight, soil, or pesticides, making it the world's largest indoor vertical farm.

(2 min) [23](#)

Geography

Antarctica - Part II

Sail aboard a ship around Antarctica and see the different wildlife. (6 min) [29](#)

Back to Nature - Rainforest

Escape to the lush temperate rainforest of Southern Australia. (4 min) [45](#)

Chennai Floods Aftermath

Take an immersive journey through the impact, rescue, and reason for the floods that occurred in Chennai, India, in December 2015.

(6 min) [76](#)

Iceland

Soar over Iceland and take in the different views that it has to offer. (3 min) [213](#)

Life in Haiti: After a Devastating Natural Disaster

Join filmmaker Dylan Roberts on a journey to the Haitian city of Jérémie, and the small village of Manish, to witness the aftermath of a colossal storm. (5 min) [258](#)

Climbing the Redwoods - Fight for the Forests

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Category 3 Hurricane Landfall Simulation

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Battle Road: The American Revolution

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6th Grade

SCIENCE

Earth & Space Science

1. Cool VR Walk on the Moon |

2. Yosemite

EXP.1 Walk on the Moon from the Project Apollo Archive.

EXP.2 Experience a guided tour of some of Yosemite's majestic spots. (2 min/4 min) [1](#)

The Aurora Borealis Over Alaska's Chatanika River

Explore a timelapse of the Aurora Borealis filmed during a geomagnetic storm by William Briscoe Photography. (5 min) [381](#)

360 Degree Video of the Milky Way

Explore a timelapse of the moving night sky. (1 min) [4](#)

Enter the Black Hole

Enter a black hole and explore the area around it. (5 min) [128](#)

First-Ever 360 VR Filmed in Space: One Strange Rock

Fly side-by-side with astronauts and experience weightlessness, the speed of traveling at 17 thousand miles per hour, and take in a stunning view of Earth. (5 min) [177](#)

Explore the Solar System

Take a virtual tour of our Solar System, with the help of Crash Course Astronomy host Phil Plait. (5 min) [142](#)

Journey into the Orion Nebula

Journey into the famous star-forming region of the Orion Nebula based on an image from the Hubble Space Telescope. (2 min) [225](#)

Journey to the Edge of Space

Experience what it's like to leave Earth, traveling to over 90,000 feet into the stratosphere. (5 min) [226](#)

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Explore the planet Mars and see its history of exploration. (12 min) [273](#)

NASA's Curiosity Mars Rover at Namib Dune

View the Namib Dune and portions of Mount Sharp through the eyes of the Mars Rover. (2 min) [286](#)

The Night Sky and Milky Way: Visualize Astronomy

Enjoy a panoramic video of the night sky and Milky Way. (1 min) [391](#)

Solar Eclipse 2017

Watch a total solar eclipse that took place in Casper, Wyoming on August 21st, 2017. (5 min) [358](#)

Space Experience

View Earth from Space below the International Space Station, but beware... meteorites have been forecasted. (1 min) [366](#)

Take a VR Tour of 6 Real Exoplanets

Team up with astrophysicists to experience a scientifically accurate, VR tour of 6 exoplanets. (11 min) [379](#)

VR Solar System Space Video

This amazing 360 virtual reality video will transport you through our galactic neighborhood, the solar system.

(18 min) [429](#)

Curiosity Mars Rover's

View the Glen Torridon area of Mars from the eyes of the Mars Rover. (2 min) [91](#)

Sample Asteroid Bennu

Follow along on NASA's first asteroid sample return mission as they make a daring attempt to collect samples from an asteroid.

(4 min) [343](#)

SOCIAL STUDIES

Civics

A London City Guided Tour

Take a guided tour to view some of London's most iconic landmarks. (5 min) [15](#)

Amazing Morocco

Join Louis as he adventures around Morocco. (8 min) [28](#)

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Himalayas: A Trek to School

Follow two girls as they travel up to 6 hours a day to school in a remote Himalayan village. (8 min) [204](#)

Japan - Where Tradition Meets the Future

Explore Japanese tradition, modernity, and nature. (3 min) [224](#)

North Korea

Tour throughout the Northeastern parts of North Korea including Rason, Namyang, Hoeryong, Chongjin, Kyongson, and Chilbo. (19 min) [290](#)

The Fight for Falluja

Experience firsthand the battles Iraqi forces endured to retake the important strategic city of Fallujah from ISIS. (11 min) [387](#)

Syrians "Have to Survive Having No Rights" in Lebanon

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Beyond the Map - A Day in a Favela

Step inside this 360 experience in Favela and meet some truly inspiring people. (3 min) [54](#)

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Damming the Nile: Episode 2

Journey to the great farming projects of Sudan, fly to a festival on the banks of the Nile, and explore the ancient Sudanese pyramid. Then launch in a balloon over Luxor to find out how much this river means to the land of the pharaohs. (16 min) [95](#)

Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Pond

Explore a freshwater pond and the plants that surround it. (1 min) [313](#)

Forest

View a tranquil forest and plant life throughout it. (1 min) [178](#)

Waterfall 1

View a waterfall and the surrounding plant life. (1 min) [433](#)

Waterfall 2

View a waterfall and the surrounding plant life. (1 min) [434](#)

Waterfall 3

View a waterfall and the surrounding plant life. (1 min) [435](#)

Geography

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Walking Tours of Japan - Kiyomizudera Temple in Kyoto

Experience a walking tour of Kiyomizudera Temple in Kyoto, Japan. (17 min) [431](#)

Immerse Yourself in a Tour Around the Forbidden City of China

With red walls and yellow tiles, the resplendent and magnificent Forbidden City is a treasure of China's ancient palace architecture. (5 min) [214](#)

Leshan Giant Buddha - Leshan, China

Go on a tour of the Entire Leshan scenic area, including the famous stone Buddha statue. (9 min) [239](#)

History

Weaving Around the World

Follow the process of weaving that has been developed across cultures for thousands of years. From Venice to Addis Ababa, and the West Bank to the Navajo Nation Reservation. (4 min) [437](#)

The Nutcracker - The Royal Ballet

Immerse yourself in the extraordinary world of The Royal Ballet as you follow young dancer Julia Roscoe as she prepares for her debut as a snowflake in the Nutcracker. (7 min) [392](#)

Carnegie Hall feat. The Philadelphia Orchestra

The Philadelphia Orchestra performs Grieg's "In the Hall of the Mountain King" from Peer Gynt Suite No. 1 under the direction of Music Director Yannick Nézet-Séguin in Carnegie Hall's Stern Auditorium's Perelman Stage on October 13, 2015. (3 min) [71](#)

Orchestra VR

Join the Los Angeles Philharmonic as they perform the iconic opening of Beethoven's timeless Fifth Symphony at Walt Disney Concert Hall. (4 min) [298](#)

Bruegel: A Fall with the Rebel Angels

In partnership with the Royal Museums of Fine Arts of Belgium, the Google Cultural Institute has designed an immersive experience that lets you explore The Fall of the Rebel Angels (1562) like never before. (4 min) [60](#)

Dreams of Dali

Go inside and beyond Dali's painting Archaeological Reminiscence of Millet's Angelus and explore the world of the surrealist master like never before in this mesmerizing 360° video. (5 min) [108](#)

7th Grade

SCIENCE

Earth & Space Science

Antarctica - Unexpected Snow

See how a Penguin and Seal colony as a winter storm moves in. (2 min) [30](#)

Category 3 Hurricane Landfall Simulation

Experience a category 3 hurricane through a simulation with guided popups. (1 min) [74](#)

Close-Range Tornado

Get up close and personal with a tornado near Wray, CO from May 7th, 2016. (8 min) [80](#)

Boston Snowstorm from Bunker Hill Monument

Watch a major winter storm move through the city of Boston in this time-lapse from the top of Bunker Hill Monument. (3 min) [56](#)

Inside Hurricane Maria

Watch Hurricane Maria change from category 1 to category 5 in about 24 hours. (5 min) [220](#)

Ace Center @ Hermitage Greenhouse

Join students from Hermitage High School as they explain how a greenhouse works and the different features within it. (3 min) [21](#)

After the Floods: Rebuilding Ellicott City

Take an immersive journey through the flooding, aftermath, and reconstruction of Ellicott City, Maryland to give a new perspective on the damage done by flooding. (6 min) [25](#)

Back to Nature - Rainforest

Escape to the lush temperate rainforest of Southern Australia. (4 min) [45](#)

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Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Earthquake VR Experience

Be exposed to a virtual earthquake that provides a life-like training experience, without an actual earthquake. (2 min) [115](#)

Expedition to the Heart of an Active Volcano

Join a group of climbers as they embark on a scientific exploration into an active volcano. (5 min) [129](#)

E.7.9C | Solar Eclipse 2017

Watch a total solar eclipse that took place in Casper, Wyoming on August 21st, 2017. (5 min) [358](#)

SOCIAL STUDIES

Early World History

Crawl Inside a 3,500-Year-Old Egyptian Tomb

Descend 7 meters under the sandy hills of southern Egypt to become one of the first modern humans to explore a newly discovered ancient Egyptian tomb. (3 min) [85](#)

The Dream of Egypt's Tuthmosis IV

A tour around the statue of the Sphinx temple and the pyramids of Giza. (4 min) [384](#)

Immerse Yourself in a Tour Around the Forbidden City of China

With red walls and yellow tiles, the resplendent and magnificent Forbidden City is a treasure of China's ancient palace architecture.

(5 min) [214](#)

Leshan Giant Buddha - Leshan, China

Go on a tour of the Entire Leshan scenic area, including the famous stone Buddha statue.

(9 min) [239](#)

Dholavira

Dholavira is an archaeological site that contains one of the five largest Harappan sites and most prominent archaeological sites in India belonging to the Indus Valley Civilization.

(2 min) [102](#)

Athens, Parthenon, Parthenónas, Acropolis - VR Walk

Go on a journey through Athens and its main attractions from Ancient Greece. (5 min) [34](#)

Pompeii Amazing Tour in VR - Italy

Explore the site of Pompeii, an ancient Roman town-city near modern Naples, that was mostly destroyed and buried under 4 to 6 m (13 to 20 ft) of volcanic ash and pumice in the eruption of Mount Vesuvius in 79 AD. (15 min) [312](#)

Witness the Mysterious World of West African Voodoo

Journey to Togo, a tiny nation in West Africa, that contains the region's largest Voodoo market- 'Marche des Fetches' and learn about the rich history that surrounds this religion.

(5 min) [448](#)

World Religions

See the different major religions of the world and how they are dispersed across the world.

(9 min) [452](#)

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US History

Civil War: A Letter from the Trenches

Get transported back to the 1860s to "experience" what life was like for a young cadet in the Confederate army, trekking through the mud and dodging enemy fire as you journey through the trenches. (5 min) [78](#)

Battle Road: The American Revolution

Be surrounded by scores of professional reenactors, organizers, onlookers, and photographers as they gather at Lexington, Concord, and Minute Man National Historical Park to honor the memory of this critical turning point in American history. (5 min) [49](#)

8th Grade

SCIENCE

Earth & Space Science

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Kamchatka Volcano Eruption

National Geographic VR takes you to the rim of a spectacular erupting volcano: Klyuchevskoy, one of the tallest and most active volcanoes on the planet. (2 min) [228](#)

Life in Haiti: After a Devastating Natural Disaster

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Life Science

Glow Worm Caves of New Zealand

Deep below ground, you will learn about strange carnivorous worms. (2 min) [191](#)

Great Hammerhead Shark Encounter

Dive into this 360° video and go face-to-face with a curious great hammerhead shark.

(2 min) [197](#)

How Animals See the World

Experience how different animals see the world. Includes a human, cat, dog, fly, rat, and snake's point of view. (4 min) [207](#)

Attenborough and the Giant Dinosaur

Learn all about the Titanosaur with David Attenborough. (4 min) [35](#)

Giraffatitan Dinosaur: Back to Life in 360 VR

Encounter the Jurassic giant Giraffatitan, one of the tallest dinosaurs that ever lived, and learn all about how it lived and who its descendants are. (4 min) [188](#)

Rhomaleosaurus Sea Dragon: Back to Life in 360 VR

Encounter the prehistoric sea dragon Rhomaleosaurus, as it roams the gallery over 180 million years after it died. (4 min) [328](#)

SOCIAL STUDIES

US History

Castillo Cannon Drill

Stand aboard Castillo's gun deck and see what firing a cannon would be like in the 1740s.

(6 min) [72](#)

Battle Road: The American Revolution

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9th – 12th Grade

SCIENCE

Biology

Back to Nature - Rainforest

Escape to the lush temperate rainforest of Southern Australia. (4 min) [45](#)

Diving Exploration of Kelp Forest Aquarium

Explore the Kelp Forest at Monterey Bay Aquarium. (3 min) [105](#)

Diving Under Icebergs with a Seal in Antarctica

Take a 360 journey under an iceberg with a crabeater seal and Gentoo Penguins in Antarctica. (2 min) [106](#)

Elephant Seals and King Penguin Chicks

These King Penguin chicks get our (elephant) seal of approval. (2 min) [122](#)

In the Presence of Animals

Experience a dangerous world with some of the planet's most at-risk species: an endangered jaguar, a rainforest sloth, a massive bison, fluttering monarchs, and a mother olive ridley turtle. (5 min) [216](#)

BIO.4, Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Underwater National Park

Plunge into a Caribbean gem with National Geographic photographer Brian Skerry to explore the Buck Island Reef – America's first protected marine monument. (6 min) [410](#)

Bears of Kamchatka, Kambalnaya River

Follow along as you experience the Bears of Kamchatka and learn about their habitat, daily life, and mating season. (5 min) [52](#)

Chengdu Panda Base, China

Get an in-depth look at the pandas that call Chengdu Panda Base their home and learn about their habitat, diet, and daily life.

(11 min) [75](#)

Gorillas in the Congo: A Jump VR Video

Experience gorillas in their natural habitat of the Congo Jungle. (2 min) [195](#)

Great Hammerhead Shark Encounter

Dive into this 360° video and go face to face with a curious great hammerhead shark.

(2 min) [197](#)

Red Kite Bird Feeding Frenzy

Watch the once endangered Red Kite Bird feeding while learning about them.

(1 min) [317](#)

Botany

360 Farm Tour: It Starts with a Seed

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 1 (6 min) [5](#)

360 Farm Tour: As the Corn Grows

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 2 (4 min) [6](#)

360 Farm Tour: Harvesting the Corn

Follow a fifth-generation farmer and see the challenges farmers face, solutions that technology offers, and ultimately the fruits of labor that will transform into food, feed, and fuel. Part 3 (4 min) [7](#)

360 Farm Tour: Protecting the Corn

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View a tranquil forest and plant life throughout it. (1 min) [178](#)

Kelp

Swim through a kelp forest. (1 min) [229](#)

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360 Degree Video of the Milky Way

Interactive time-lapse of the moving night sky. (1 min) [4](#)

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Lion Whisperer - Racing Extinction

Kevin Richardson, also known as the "lion whisperer", explains the complexities of his relationship to his pride, and summarizes his life's work of protecting these amazing animals from the game hunting trade. (4 min) [259](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Rescuing Rhinos - Racing Extinction

Join a conservation biologist on an interactive mission to learn how animals critical to the world's ecosystem thrive and survive in the wild. (5 min) [323](#)

Environmental Science

Antarctica - Part II

Sail aboard a ship around Antarctica and see the different wildlife. (6 min) [29](#)

The Hidden Worlds of National Parks

Follow rangers on a journey to places most people never go. Experience the sights, sounds, and adventures of Kenai Fjords, Hawai'i Volcanoes, Carlsbad Caverns, Bryce Canyon, and Dry Tortugas. (5 min) [389](#)

Diving Exploration of Kelp Forest Aquarium

Explore the Kelp Forest at Monterey Bay Aquarium. (3 min) [105](#)

Diving Under Icebergs with a Seal in Antarctica

Take a 360 journey under an iceberg with a crabeater seal and Gentoo Penguins in Antarctica. (2 min) [106](#)

Elephant Seals and King Penguin Chicks

These king penguin chicks get our (elephant) seal of approval. (2 min) [122](#)

Fox's Point of View at Night - Planet Earth II: Cities

Through the eyes of an urban fox, can you find food, spot the hazards, and track down a mate in a bustling city at night? (4 min) [181](#)

Travel-Dream-Imagine: A VR Journey

From the Desert Floor into the Sea

Travel with us as we step into the Judea desert, bathe in a waterfall in a hidden oasis, wet our feet in the red sea, dive among corals, and finally float in one of the wonders of the world - the Dead Sea. (2 min) [403](#)

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Lions 360

Join National Geographic Explorer Martin Edström, you will come face to face with Gibson and his mother, as they struggle with their pride's alpha male. (5 min) [262](#)

Manatee: Crystal River National Wildlife Refuge

Underwater cinematographer and VR filmmaker Adam Ravetch takes us on an adventure on Florida's Crystal River as he captures the river's wild manatees in their natural habitat at the Crystal River National Wildlife Refuge. (3 min) [268](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Rescuing Rhinos - Racing Extinction

Join a conservation biologist on an interactive mission to learn how animals critical to the world's ecosystem thrive and survive in the wild. (5 min) [323](#)

Surrounded by Lemurs - Perth Zoo - Australia

Take a private tour of Lemur Island and encounter these critically endangered species. (4 min) [371](#)

The Fight to Save Threatened Species

Get closer than ever before to the most extraordinary creatures on the planet. Whale sharks, rhinos, elephants, manta rays, and lions are all threatened with extinction. (2 min) [388](#)

Whale Sharks at Risks - Racing Extinction

Experience a close encounter with a Whale Shark, the largest fish on the Planet. (4 min) [439](#)

Back to Nature - Rainforest

Escape to the lush temperate rainforest of Southern Australia. (4 min) [45](#)

Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Foundations of Biology

Glow Worm Caves of New Zealand

Deep below ground, you will learn about strange carnivorous worms. (2 min) [191](#)

Giraffe 1

See a giraffe interacting with its natural habitat. (1 min) [189](#)

Giraffe 2

See a giraffe interacting with its natural habitat. (1 min) [190](#)

Attenborough and the Giant Dinosaur

Learn all about the Titanosaur with David Attenborough. (4 min) [35](#)

Giraffatitan Dinosaur: Back to Life in 360 VR

Encounter the Jurassic giant Giraffatitan, one of the tallest dinosaurs that ever lived, and learn all about how it lived and who its descendants are. (4 min) [188](#)

Rhomaleosaurus Sea Dragon: Back to Life in 360 VR

Encounter the prehistoric sea dragon Rhomaleosaurus, as it roams the gallery over 180 million years after it died. (4 min) [328](#)

VR Jurassic Dinosaur

Explore what life was like during the age of the dinosaur. (3 min) [426](#)

Foundations of Science Literacy

Explore the Blue Shipwreck Alley

Tied to the virtual dive on the wreck of D.M. Wilson, students research the historical, ecological, and economic importance of Thunder Bay National Marine Sanctuary. Students create a digital infographic that communicates the importance of preserving a shipwreck. (3 min) [138](#)

NASA Astronaut Training: Space Walk

The stunning NASA VR/360 video, produced by Harmonic, offers a variety of perspectives - in the pool and out - as astronauts complete spacewalk training for future missions to the International Space Station. (3 min) [285](#)

Wind Tunnel Test of NASA's Most Powerful Rocket

Follow NASA as they test their most powerful rocket in a wind tunnel test. (3 min) [447](#)

NASA's Curiosity Mars Rover at Namib Dune

View the Namib Dune and portions of Mount Sharp through the eyes of the Mars Rover. (2 min) [286](#)

Curiosity Mars Rover

View the Glen Torridon area of Mars from the eyes of the Mars Rover. (2 min) [91](#)

Space Engine in Immersive 360 Video

Experience a Space engine as it flies and looks at different interesting locations in Space. (5 min) [365](#)

Rocket Launch: DeltaIV NROL-45

Experience one of the most powerful activities in spaceflight - Launch. (4 min) [333](#)

1. Cool VR Walk on the Moon |

2. Yosemite

EXP.1 Walk on the Moon from the Project Apollo Archive.

EXP.2 Experience a guided tour of some of Yosemite's majestic spots. (2 min/4 min) [1](#)

Category 3 Hurricane Landfall Simulation

Experience a category 3 hurricane through a simulation with guided popups.

(1 min) [74](#)

Mars - The Red Planet VR Documentary

Explore the planet Mars and see its history of exploration. (12 min) [273](#)

Explore an Underwater Mountain from a Submarine

Ride along as you dive in a submarine and explore the ocean floor. (4 min) [135](#)

Explore the Deep Ocean

Follow along in a Submarine and see the ocean from a new view. (2 min) [140](#)

Explore Lake Ontario Schooner: St. Peter

Explore the wreck of the Schooner St. Peter, which lies in Lake Ontario National Marine Sanctuary. Students research the technologies used by maritime archaeologists to locate and image shipwrecks and participate in simulations of the use of two of these technologies, sonar, and photogrammetry.

(4 min) [231](#)

Genetics

Giraffe 1

See a giraffe interacting with its natural habitat. (1 min) [189](#)

Giraffe 2

See a giraffe interacting with its natural habitat. (1 min) [190](#)

Glow Worm Caves of New Zealand

Deep below ground, you will learn about strange carnivorous worms. (2 min) [191](#)

Great Hammerhead Shark Encounter

Dive into this 360° video and go face to face with a curious great hammerhead shark. (2 min) [197](#)

Human Anatomy & Physiology

Human Digestive System in VR

Take an amazing journey through the body and find out what happens to your food as it travels through the digestive system.

(3 min) [209](#)

What Happens Inside Your Body?

The human body is an amazing and unique machine that triggers thousands of processes every second, learn about them on this adventure. (8 min) [441](#)

VR Bone Resorption

Watch bone resorption at the cellular level in action. (1 min) [424](#)

A Walk-Through Dementia: At Home

A unique experience designed to put you in the shoes of someone living with dementia.

(3 min) [19](#)

A Walk-Through Dementia: Walking Home

A unique experience designed to put you in the shoes of someone living with dementia.

(4 min) [20](#)

Autism Virtual Reality

Become a student with autism in the daily fight for survival. (7 min) [37](#)

VR Surgery - Brain Aneurysm

Immerse in what a real brain operation is like. (6 min) [430](#)

Inside Anxiety

Anxiety can make you feel on edge, unable to concentrate, fearful, irritable, and like you have lost control. Step inside the mind of someone who experiences anxiety and see the world from their point of view. (9 min) [217](#)

Miracle of Life

Experience the epic moment we are all conceived in. Our DNA is passed on from our parents, our first cells grow and we begin the miraculous journey of life. (5 min) [279](#)

360 Video of a Heart Valve Operation in the Heart Center Leipzig

Experience exclusive insights into surgery in full 360-degree video. Head of Cardiac Surgery Prof. Michael Borger explains what happens during a mitral valve operation. (4 min) [10](#)

Experience a Heart Transplant in 360

Filmed recently at William P. Clements Jr. University Hospital, the video details the process of a heart transplant and all its intricacies, with narration from our transplant team, including Drs. Matthias Peltz, Pietro Bajona, and John Murala. (5 min) [130](#)

Advanced Life Support / Code Blue

How to lead a cardiac arrest /code blue using the advanced cardiac life support (ALS/ACLS) algorithms. (8 min) [22](#)

Cardiac Arrest (Code Blue) Advanced Life Support

This 360-degree training video demonstrates how to manage a cardiac arrest (code blue) using an automated defibrillator. (7 min) [69](#)

Patient Point of View in Advanced Life Support (Code Blue)

This 360-degree video is filmed from a patient's point of view and demonstrates what happens if you have a cardiac arrest in the hospital. (7 min) [303](#)

HAP.10, HAP.12 | Choking and Cardiac Arrest (Code Blue) Advanced Life Support

This 360-degree training video demonstrates how to manage a cardiac arrest (code blue) due to choking. (3 min) [77](#)

Resuscitation of a Covid-19 Patient w/ Respiratory Failure Best Practices Demonstration

This immersive 360-degree video takes you inside a hospital emergency department and shows the best practices learned by medical staff in New York City and Philadelphia for treating critically ill COVID-19 patients with respiratory failure. (11 min) [324](#)

Esophageal Cancer Operation Filmed

The operation to remove a tumor from Janet Jenkins, 65, at Southampton General Hospital was carried out by Professor Tim Underwood who is currently undertaking the research. The surgery lasted eight hours. (2 min) [295](#)

Marine & Aquatic Science

Pond

Explore a freshwater pond and the plants that surround it. (1 min) [313](#)

Reef 1

Swim along an active thriving reef. (1 min) [318](#)

Reef 2

Swim along an active thriving reef. (1 min) [319](#)

Reef 3

Swim along an active thriving reef. (1 min) [320](#)

MAQ.2 | Waterfall 1

View a waterfall and the surrounding plant life. (1 min) [433](#)

MAQ.2 | Waterfall 2

View a waterfall and the surrounding plant life. (1 min) [434](#)

MAQ.2 | Waterfall 3

View a waterfall and the surrounding plant life. (1 min) [435](#)

Explore the Blue Hawaiian Adventure

Learn about the diversity of life found in the Hawaiian Islands, and explore the ecology of three different species, their importance to Native Hawaiian culture, and the conservation measures in place for their protection. (4 min) [137](#)

Explore the Mallows Bay Ghost Fleet

Learn about the Mallows Bay-Potomac River National Marine Sanctuary and the "Ghost Fleet." and explore how human actions affect the environment by interpreting data and evidence about the impact of turbidity on submerged aquatic vegetation. (4 min) [141](#)

Explore an Underwater Mountain in a Submarine

Ride along as you dive in a submarine and explore the ocean floor. (4 min) [135](#)

Explore the Deep Ocean

Follow along in a Submarine and see the ocean from a new view. (2 min) [140](#)

Underwater National Park

Plunge into a Caribbean gem with National Geographic photographer Brian Skerry to explore the Buck Island Reef – America's first protected marine monument. (6 min) [410](#)

Explore the Coral Restoration

Learn about the ecology of coral reefs, natural and human threats to corals, and the science of coral restoration. (4 min) [139](#)

Diving Exploration of Kelp Forest Aquarium

Explore the Kelp Forest at Monterey Bay Aquarium. (3 min) [105](#)

Diving Under Icebergs with a Seal in Antarctica

Take a 360 journey under an iceberg with a crabeater seal and Gentoo Penguins in Antarctica. (2 min) [106](#)

Elephant Seals and King Penguin Chicks

These King Penguin chicks get our (elephant) seal of approval. (2 min) [122](#)

Great White Sharks

Get up close with Great White Sharks on an actual dive while learning more about them. (2 min) [198](#)

Isle of Jaws

Suit up and join the team on the search for the mysterious "Isle of Jaws" in Discovery's first-ever full virtual reality act. (7 min) [223](#)

Manatee: Crystal River National Wildlife Refuge

Underwater cinematographer and VR filmmaker Adam Ravetch takes us on an adventure on Florida's Crystal River as he captures the river's wild manatees in their natural habitat at the Crystal River National Wildlife Refuge. (3 min) [268](#)

Ocean to Plate: A Journey into the Seafood Supply Chain

As populations and appetites grow, global fisheries reach their ecological capacity, yet at least a third of harvested fish and seafood is lost or wasted along the supply chain. (7 min) [293](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Shoaling in the Deep

Dive down deep into the heart of a shoal of fish, follow a manta ray as it skims the ocean floor, and lock eyes with a moray eel lurking in an underwater cave. (3 min) [353](#)

Swimming with Giants 360

Earth's oceans have been home to giant animals for hundreds of millions of years. Have you ever wondered what it would be like to swim with some of these giants? (5 min) [374](#)

Kelp

Swim through a kelp forest. (1 min) [229](#)

Scuba in the Maldives

Dive into the waters of the Maldives and experience the aquatic life and environment. (2 min) [346](#)

Arctic Orca

Orca Foraging in a school fish with free divers. (1 min) [31](#)

Diving with Great White Shark

Experience a Great white shark up close and personal while learning about the majestic creatures. (2 min) [107](#)

Great Hammerhead Shark Encounter

Dive into this 360° video and go face to face with a curious great hammerhead shark. (2 min) [197](#)

MythBusters: Shark Shipwreck

Explore the sunken wreckage of the Ray of Hope with the MythBusters. (4 min) [283](#)

MythBusters: Sharks Everywhere!

MythBuster Adam Savage takes you underwater and face-to-face with a shiver of sharks. (5 min) [284](#)

The Blu: Whale Encounter

Go deep under the ocean, onto the deck of a sunken ship, and face to face with the largest species on Earth. (2 min) [382](#)

Tiger Shark Encounter in the Bahamas: SharkFest

Come face to face with massive tiger sharks as you plunge into the crystal-clear waters of the Bahamas. (3 min) [394](#)

Whale Sharks at Risk - Racing Extinction

Experience a close encounter with a Whale Shark- the largest fish on the Planet. (4 min) [439](#)

Whale Sharks: Giants of the Deep

Encounter a group of Whale Sharks feeding as they migrate south. (2 min) [440](#)

Wild Dolphins VR

Over 6 years ago, our production team filmed unique footage of wild dolphins in the Sataya Reef in Egypt's Red Sea. (2 min) [444](#)

Sharks

Explore an aquarium of sharks. (1 min) [352](#)

Zoology

Attenborough and the Giant Dinosaur

Learn all about the Titanosaur with David Attenborough. (4 min) [35](#)

Rhomaleosaurus Sea Dragon: Back to Life in 360 VR

Encounter the prehistoric sea dragon Rhomaleosaurus, as it roams the gallery over 180 million years after it died. (4 min) [328](#)

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Whale Sharks: Giants of the Deep

Encounter a group of Whale Sharks feeding as they migrate south. (2 min) [440](#)

Sharks

Explore an aquarium of sharks. (1 min) [352](#)

ZOO.8 | Reptile Room - Discovery Nature & Animal

Take a virtual tour inside a reptile room at a zoo. (1 min) [322](#)

Red Kite Bird Feeding Frenzy

Watch the once endangered Red Kite Bird feeding while learning about them.

(1 min) [317](#)

VR Jurassic Dinosaur

Explore what life was like during the age of the dinosaur. (3 min) [426](#)

360 Orangutan School

Go inside the International Animal Rescue Sanctuary in the forests of Borneo to see what it takes to teach a baby orangutan... to be an orangutan. (9 min) [9](#)

Arctic Orca

Orca Foraging in a school fish with free divers. (1 min) [31](#)

Bears of Kamchatka, Kambalnaya River

Follow along as you experience the Bears of Kamchatka and learn about their habitat, daily life, and mating season. (5 min) [52](#)

Caring for Rhinos

A herd of nine rhinos graze in the South African bush while we hear Chris Sussons, game reserve manager, give some cool facts about rhinos and why they need to protect them from poachers. (2 min) [70](#)

Chengdu Panda Base, China

Get an in-depth look at the pandas that call Chengdu Panda Base their home and learn about their habitat, diet, and daily life.

(11 min) [75](#)

Diving Under Icebergs with a Seal in Antarctica

Take a 360 journey under an iceberg with a crabeater seal and Gentoo Penguins in Antarctica. (2 min) [106](#)

Elephants on the Brink

A herd of African elephants curiously investigates its surroundings in South Africa and happens to notice cameras filming their behavior. (3 min) [123](#)

Getting Licked by a Cow in Ireland

Get up close and personal with cows. Now you'll know what it's like to be licked and sniffed by them. (1 min) [187](#)

Gorillas in the Congo: A Jump VR Video

Experience gorillas in their natural habitat of the Congo Jungle. (2 min) [195](#)

Lion Whisperer - Racing Extinction

Kevin Richardson, also known as the "lion whisperer", explains the complexities of his relationship to his pride, and summarizes his life's work of protecting these amazing animals from the game hunting trade. (4 min) [259](#)

Lions 360

Join National Geographic Explorer Martin Edström, you will come face to face with Gibson and his mother, as they struggle with their pride's alpha male. (5 min) [262](#)

Play with Meerkats: Animals with Cameras

Get up close and personal with Meerkats as they investigate the camera. (1 min) [308](#)

Playful Elephants Swim

A family of elephants decide to take a break from the hot South Africa sun and swim in the local watering hole as Vicky Brooker, elephant curator, talks about the animals. (2 min) [309](#)

Rescuing Rhinos - Racing Extinction

Join a conservation biologist on an interactive mission to learn how animals critical to the world's ecosystem thrive and survive in the wild. (5 min) [323](#)

Surrounded by Lemurs - Perth Zoo - Australia

Take a private tour of Lemur Island and encounter these critically endangered species. (10 min) [371](#)

Surrounded by White Lions

Experience White lions at a preserve. (10 min) [372](#)

Surrounded by Wild Elephants

Come face to face with the largest land animal on the planet, the African elephant. Follow along as this herd of giants take a detour to investigate a stranger in their midst. (3 min) [373](#)

The Eye of the Tiger

Look at the day in the life of a tiger at Dierenpark Amersfoort Zoo. (2 min) [386](#)

What It's Like to be Surrounded by Wild Dogs

See how Wild dogs differ from domesticated ones and how they interact within a herd. (1 min) [442](#)

Wild Dolphins VR

Over 6 years ago, our production team filmed unique footage of wild dolphins in the Sataya Reef in Egypt's Red Sea. (2 min) [444](#)

Baboons 1

See how a group of Baboons interact. Part. 1. (1 min) [43](#)

Baboons 2

See how a group of Baboons interact. Part. 2. (1 min) [44](#)

Baboons 3

See how a group of Baboons interact. Part. 3. (1 min) [42](#)

Cows

See a group of African Cows roam in search of food. (1 min) [84](#)

Deer

See Antelope deer feeding on a plain. (1 min) [97](#)

Elephant 1

See a herd of elephants graze about. Part 1 (1 min) [118](#)

Elephant 2

See a herd of elephants graze about. Part 2(1 min) [119](#)

Elephant 3

See a herd of elephants graze about. Part 3(1 min) [120](#)

Elephant 4

See a herd of elephants graze about. Part 4(1 min) [121](#)

Giraffe 1

Get up close with a giraffe as it feeds. Part 1. (1 min) [189](#)

Giraffe 2

Get close to a giraffe as it feeds. Part 1. (1 min) [190](#)

Hyena 1

Watch a hyena feed on a fresh kill. (1 min) [211](#)

Hyena 2

Watch a hyena approach cautiously for a snack. (1 min) [212](#)

Lemur 1

Watch lemurs climb and play in a zoo. Part 1. (1 min) [235](#)

Lemur 2

Watch lemurs climb and play in a zoo. Part 2. (1 min) [236](#)

Lemur 3

Watch lemurs climb and play in a zoo. Part 3. (1 min) [237](#)

Leopard

Watch a leopard munch on a meal. (1 min) [238](#)

Lioness 1

A curious Lioness sniffs at the camera. (1 min) [260](#)

Lioness 2

Lioness sniffs at food. (1 min) [261](#)

Monkey 1

Monkeys steal a sweet treat. (1 min) [280](#)

Monkey 2

Watch a monkey enjoy a fun treat. (1 min) [281](#)

Monkey Cage

See two playful monkeys in a zoo. (1 min) [282](#)

Rhino 1

Watch a Rhino wallow in a mud hole. (1 min) [325](#)

Rhino 2

Watch a baby rhino enjoy a bottle. (1 min) [326](#)

Rhino 3

Watch a baby rhino frolic around. (1 min) [327](#)

Zebra 1

Watch a herd of zebras grazing. (1 min) [456](#)

Zebra 2

Watch how zebras move as a herd. (1 min) [457](#)

SOCIAL STUDIES

African American Studies

Traveling While Black

This film offers a revealing view of the Green Book Era as told through Ben's Chili Bowl, a black-owned restaurant in Washington, to remind us of the hardships that African Americans faced during that time. (20 min) [404](#)

History of the Ancient Middle East

Crawl Inside a 3,500-Year-Old Egyptian Tomb

Descend 7 meters under the sandy hills of southern Egypt to become one of the first modern humans to explore a newly discovered ancient Egyptian tomb. (3 min) [85](#)

The Dream of Egypt's Tuthmosis IV

A tour around the statue of the Sphinx temple and the pyramids of Giza. (4 min) [384](#)

Athens, Parthenon, Parthenónas, Acropolis - VR Walk

Go on a journey through Athens and its main attractions from Ancient Greece. (5 min) [34](#)

Humanities

Immerse Yourself in a Tour Around the Forbidden City of China

With red walls and yellow tiles, the resplendent and magnificent Forbidden City is a treasure of China's ancient palace architecture. (5 min) [214](#)

Leshan Giant Buddha - Leshan, China

Go on a tour of the Entire Leshan scenic area, including the famous stone Buddha statue. (9 min) [239](#)

Dholavira

Dholavira is an archaeological site that contains one of the five largest Harappan sites and most prominent archaeological sites in India belonging to the Indus Valley Civilization. (2 min) [102](#)

Crawl Inside a 3,500-Year-Old Egyptian Tomb

Descend 7 meters under the sandy hills of southern Egypt to become one of the first modern humans to explore a newly discovered ancient Egyptian tomb. (3 min) [85](#)

The Dream of Egypt's Tuthmosis IV

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Athens, Parthenon, Parthenónas, Acropolis - VR Walk

Go on a journey through Athens and its main attractions from Ancient Greece. (5 min) [34](#)

Bruegel: A Fall with the Rebel Angels

In partnership with the Royal Museums of Fine Arts of Belgium, the Google Cultural Institute has designed an immersive experience that lets you explore The Fall of the Rebel Angels (1562) like never before. (4 min) [60](#)

Intro to Geography

1. VR Pearl Harbor Attack |

2. Explore South Dakota's Badlands

EXP.1: The Japanese midget submarine, manned by Ensign Kazuo Sakamaki, failed in its mission to attack and destroy American warships.

EXP.2: The Badlands is home to the largest mixed-grass prairies where bison and other wildlife graze freely. (6 min/2 min) [428](#)

1. Cool VR Walk on the Moon |

2. Yosemite

EXP.1 Walk on the Moon from the Project Apollo Archive.

EXP.2 Experience a guided tour of some of Yosemite's majestic spots. (2 min/4 min) [1](#)

A London City Guided Tour

Take a guided tour to view some of London's most iconic landmarks. (5 min) [15](#)

Athens, Parthenon, Parthenónas, Acropolis - VR Walk

Go on a journey through Athens and its main attractions from Ancient Greece. (5 min) [34](#)

Discover the Taj Mahal, India

Join Asha Leo as she ventures around India and explores the Taj Mahal. (5 min) [104](#)

Taj Mahal 360 Degree (VR) Tour in India

Explore one of the 7 Wonders of the World, the Taj Mahal in India. (2 min) [377](#)

Hajj - Experience the Journey to Mecca

Walk with Al Jazeera's Basma Atassi in Mecca and see the major landmarks that millions of Muslims visit during the period of Hajj, the annual Islamic Pilgrimage. (8 min) [199](#)

Japan - Where Tradition Meets the Future

Explore Japanese tradition, modernity, and nature. (3 min) [224](#)

The Aurora Borealis Over Alaska's Chatanika River

Explore a timelapse of the Aurora Borealis filmed during a geomagnetic storm by William Briscoe Photography. (5 min) [381](#)

Walking Tours of Japan - Kiyomizudera Temple in Kyoto

Experience a walking tour of Kiyomizudera Temple in Kyoto, Japan. (17 min) [431](#)

Immerse Yourself in a Tour Around the Forbidden City of China

With red walls and yellow tiles, the resplendent and magnificent Forbidden City is a treasure of China's ancient palace architecture. (5 min) [214](#)

Leshan Giant Buddha - Leshan, China

Go on a tour of the Entire Leshan scenic area, including the famous stone Buddha statue. (9 min) [239](#)

World Religions

See the different major religions of the world and how they are dispersed across the world. (9 min) [452](#)

Canyon

Peer down into a canyon from the top. (1 min) [67](#)

Syrians "Have to Survive Having No Rights" in Lebanon

Learn about Syrian refugees who are living in makeshift settlements under harsh conditions, with no legal rights in Lebanon's Bekaa Valley. (3 min) [376](#)

Amazing Morocco

Join Louis as he adventures around Morocco. (8 min) [28](#)

Let's Go Rickshaw Ride Around Japan 1

Learn about traditional Japanese cuisine and take in sites. (3 min) [240](#)

Let's Go Rickshaw Ride Around Japan 2

See the bridge, Togetsu-Kyo which means "The moon crossing bridge," over the Katsura River which flows through the center of Arashiyama. (2 min) [241](#)

Let's Go Rickshaw Ride Around Japan 3

The path leading to Okochi Sanso Garden from Nonomiya Shrine is about 400m long. (2 min) [242](#)

Witness the Mysterious World of West African Voodoo

Journey to Togo, a tiny nation in West Africa, that contains the region's largest Voodoo market- 'Marche des Fetches' and learn about the rich history that surrounds this religion. (5 min) [448](#)

The Fight for Falluja

Experience firsthand the battles Iraqi forces endured to retake the important strategic city of Fallujah from ISIS. (11 min) [387](#)

Beyond the Map - A Day in a Favela

In Rio, one out of every five residents' lives in a favela, that's more than one and a half million people. (3 min) [54](#)

Damming the Nile: Episode 1

Africa's largest hydroelectric power project is two thirds finished and the dam can already control the flow of the Blue Nile, which is deeply upsetting downstream Egypt who they didn't consult before building started. (13 min) [94](#)

Damming the Nile: Episode 2

Journey to the great farming projects of Sudan, fly to a festival on the banks of the Nile and explore the ancient Sudanese pyramid. Then launch in a balloon over Luxor to find out how much this river means to the land of the pharaohs. (16 min) [95](#)

The Hidden Worlds of National Parks

Follow rangers on a journey to places most people never go. Experience the sights, sounds, and adventures of Kenai Fjords, Hawai'i Volcanoes, Carlsbad Caverns, Bryce Canyon, and Dry Tortugas. (5 min) [389](#)

Climbing the Redwoods - Fight for the Forests

Climb 200 feet up 'Grandfather,' the highest Redwood in a Northern California Grove while learning about the Redwood Forest and preservation efforts. (2 min) [79](#)

Ocean to Plate: A Journey into the Seafood Supply Chain

As populations and appetites grow, global fisheries reach their ecological capacity, yet at least a third of harvested fish and seafood is lost or wasted along the supply chain. (7 min) [293](#)

Protecting Ocean Anchor Species - Racing Extinction

Join marine biologist Luke Tipple as he swims alongside manta rays and whale sharks while sharing why they are vital to the survival of our oceans. (3 min) [315](#)

Minority Studies

Seeking Home: Life Inside the Calais Migrant Camp

Become part of a camp in northern France where migrants and refugees hope to make it across the English Channel to start a new life in the United Kingdom. (6 min) [350](#)

Witness the Mysterious World of West African Voodoo

Journey to Togo, a tiny nation in West Africa, that contains the region's largest Voodoo market- 'Marche des Fetches' and learn about the rich history that surrounds this religion. (5 min) [448](#)

Traveling While Black

This film offers a revealing view of the Green Book Era as told through Ben's Chili Bowl, a black-owned restaurant in Washington, to remind us of the hardships that African Americans faced during that time. (20 min) [404](#)

Chennai Floods Aftermath

Take an immersive journey through the impact, rescue, and reason for the floods that occurred in Chennai, India, in December 2015. (6 min) [76](#)

Himalayas: A Trek to School

Follow two girls as they travel up to 6 hours a day to school in a remote Himalayan village. (8 min) [204](#)

Life in Haiti: After a Devastating Natural Disaster

Join filmmaker Dylan Roberts on a journey to the Haitian city of Jérémie, and the small village of Manish, to witness the aftermath of a colossal storm. (5 min) [258](#)

Out of Syria - Back to School

Step into the lives of two teenagers from war-torn Syria, Mustafa and Sarah. They both fled the fighting with their families. They left their homelands and their schools behind. (4 min) [301](#)

The Fight for Falluja

Experience firsthand the battles Iraqi forces endured to retake the important strategic city of Fallujah from ISIS. (11 min) [387](#)

Mississippi Studies

Traveling While Black

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Psychology

Autism Virtual Reality

Become a student with autism in the daily fight for survival. (7 min) [37](#)

Inside Anxiety

Anxiety can make you feel on edge, unable to concentrate, fearful, irritable, and like you have lost control. Step inside the mind of someone who experiences anxiety and see the world from their point of view. (9 min) [217](#)

A Walk-Through Dementia: At Home

A unique experience designed to put you in the shoes of someone living with dementia. (3 min) [19](#)

A Walk-Through Dementia: Walking Home

A unique experience designed to put you in the shoes of someone living with dementia. (4 min) [20](#)

US History

Explore a WWI Trench in VR

Explore and discover how WWI soldiers lived in the trenches, view across No Man's Land, explore an officer's quarters, step inside the first aid field hospital and navigate the wet and muddy trench system. (2 min) [134](#)

1. VR Pearl Harbor Attack |

2. Explore South Dakota's Badlands

EXP.1: The Japanese midget submarine, manned by Ensign Kazuo Sakamaki, failed in its mission to attack and destroy American warships.

EXP.2: The Badlands is home to the largest mixed-grass prairie where bison and other wildlife graze freely. (6 min/2 min) [428](#)

1941 Battle Reenactment

Watch the reenactment of this World War II battle from 1941. In this video, you'll see operating German vehicles, such as the Pz.Kpfw. III medium tank as well as the StuG III self-propelled gun. The tanks on the Soviet side are the T-34-76 and the BT-7. (3 min) [2](#)

Honor Everywhere

See the World War II Memorial, Arlington National Cemetery, US Marines War Memorial, US Air Force Memorial, and the Korean Memorial. (9 min) [206](#)

Remembering Pearl Harbor VR:

Experience History

Follow Lt. James Downing, who at 103 is the second oldest living American veteran to have witnessed that day, who recounts his time as postmaster of the USS West Virginia. (2 min) [321](#)

The JFK Assassination

Follow along as you get an in-depth look into the assassination of JFK. (4 min) [390](#)

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Women's March in Chicago

Experience a women's rights march in Chicago on Jan 21, 2017. (2 min) [450](#)

March for our Lives

Pioneer Valley's March for our Lives on March 24, 2018. (1 min) [272](#)

Protest Alt Left & Right at Berkley

Experience a political division march from August 29, 2017. (1 min) [316](#)

US Government

Traveling While Black

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(20 min) [404](#)

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(2 min) [321](#)

Virtually Inside the First Tank

Join Richard "The Challenger" Cutland and Nicholas "Chieftain" Moran as they explore the oldest members of the collection at The Tank Museum at Bovington, UK, including the world's last surviving Mark I tank: the oldest surviving combat tank in the world.

(7 min) [420](#)

VIRTUAL FIELD TRIPS



American Historical Sites

Gettysburg 1 - Pennsylvania

Gettysburg 2 - Pennsylvania

The Alamo - Texas

Annaberg Sugar Plantation - USVI

Meuse-Argonne Offensive - France

Chumash Painted Cave - California

American Landmarks

Bryce Canyon - Utah

Hoover Dam - Arizona-Nevada Border

Liberty Island - New York

Mount Rushmore - South Dakota

Washington DC - Memorials

Washington DC - Places

Yosemite - California

Grand Canyon - Arizona

Hollywood Sign - California

Golden Gate Bridge - California

Yellowstone National Park - Wyoming

American Museums

Museum of Immigration - New Jersey

USS Constellation - Maryland

Vizcaya Gardens - Florida

Alcatraz - California

British Museum - Ancient Civilizations

Africa

Ancient Cyprus

Ancient Iran

Ancient Levant

Assyria Khorsabad

Assyria Nimrud

Athens

Lycia

Money

British Museum - Egypt

Early Egypt
Egyptian Death & Afterlife Mummies
Egyptian Sculpture
Egyptian Tomb - Chapel of Nebamun
Sudan, Egypt & Nubia

British Museum - Europe

Britian & Europe - 800BC-AD43
Enlightenment
Europe - 1050-1500
Europe & the Middle East - 10,000-800BC
Sutton Hoo & Europe

British Museum - Greece

Greece - 1050-520BC
Greek & Roman Life
Greek & Roman Sculpture
Greeks in Italy
The World of Alexander

British Museum - Rome

Roman Britain
Roman Empire

Cities Around the World

Chicago, Illinois
New York City, New York
Petra, Jordan
Santorini, Greece
Venice, Italy

Exploring the World, Part 1

Hawaii
Hawaii Volcanoes
London, England
Mount Fuji - Japan
Finland
Iceland
Japan
Great Barrier Reef - Australia
Easter Island Moai - Chile
Mount Everest - China

Exploring the World, Part 2

Mushrooms of Seville - Spain
Naustdal Fjords - Norway
Maasai Mara National Reserve - Kenya
Pedras Secas Reef - Fernando de Noronha
Marine National Park - Brazil

International Landmarks & Historical Sites, Part 1

Forbidden City - China
Ancient Corinth - Greece
Jerusalem 1 - Israel
Jerusalem 2 - Israel
Pyramids of Giza - Egypt
Windsor Castle - UK
Machu Picchu Tour - Peru
The Vatican - Rome
Mosque Cathedral - Spain
Chichen Itza - Mexico

International Landmarks & Historical Sites, Part 2

Acropolis of Athens Museum - Greece
Angkor Wat - Cambodia
Colosseum - Italy
Great Wall of China
Eiffel Tower - France
Edinburgh Castle - Scotland
Mayan Ruins - Guatemala
Kensington Place - London
Dead Sea - Jordan
Leaning Tower of Piza

International Landmarks & Historical Sites, Part 3

Arc de Triomphe - France
Brandenburg Gate - Germany
Stonehenge - UK
Sydney Opera House - Australia
Saint Basil's Cathedral - Russia
Reichstag Building Dome - Germany
Sagrada Familia Basilica - Spain
Shinjuku Gyoen National Garden - Japan
Tianmen Mountain - China
Taj Mahal - India

National Aquarium

General

Jellies Invasion

Reefs to Rainforests

Smithsonian – National Air & Space Museum

General

America by Air

Apollo to the Moon

Explore the Universe

How Things Fly

Looking at Earth

Moving Beyond Earth

Pioneers of Flight

Sea Air Transportation

Space Race

Time & Navigation

Wright Brothers

Smithsonian – National Museum of Asian Art

General

Buddhas

China

Islamic World

Japan

The Smithsonian Museums

National Air & Space Museum

National Gallery of Art

National Museum of the American Indian

National Museum of Natural History -

General

National Museum of Natural History -

Beyond Bollywood

Hirshhorn Museum & Sculpture Garden

Smithsonian Castle