

Video Title	Video Running Time (Minutes)	Synopsis of Video	Age Range
Duke Power – EnergyExplorium Great Inland Sea Update	28	Video about Lake Norman, Duke Power and the Lake Norman Community.	All ages
Robert Krampf's Electricity	33	Mr. Krampf uses his unique style of making science interesting and understandable to keep you oohing and ahing with million volt sparks and hair raising demonstrations, while teaching the basics of electrostatic charges, alternating and direct current, volts, amps, generators, batteries, and electrical safety.	All ages
Wall-E	98	A little robot with a big message about the dangers of planetary neglect.	All ages
The Lorax	87	Twelve year old Ted will do anything to find a real life Truffula Tree in order to impress the girl of his dreams. As he embarks on his journey, Ted discovers the incredible story of the Lorax, a grumpy but charming creature who speaks for the trees.	All ages
Wild about Safety: with Timone and Pumba	12	Safety smart in the water.	5 to 8
The Magical School Bus: Bugs, Bugs, Bugs!	30/episode	Select one of the following cartoon episodes : Gets Ants in his Pants (the industrious life of an ant), In a Beehive (explore the sticky home of a bee), or Butterfly and the Bog Beast (the surprising identity of a caterpillar)	5 to 9
The Magic School Bus: All About Earth	26/episode	Select one of the following cartoon episodes : Goes to Seed (seeds), Blows It's Top (volcanoes), or Goes on air (air pressure).	5 to 9

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The Magic School Bus: Space Adventures	28/episode	<i>Select one of the following cartoon episodes</i> : Magic School Bus Gets Lost in Space (planets in our solar system), Out of This World (orbits, comets, and asteroids), or Taking Flight (air movement and wing design).	5 to 9
Sid the Science Kid: Weather Kid Sid	27/episode	<i>Select one of the following cartoon episodes</i> : Sid’s Rainy Play Date (changes when it rains), Special Sunny Dad Day (how sunscreen counteracts the effects of the sun), Sid’s Holiday Adventure (temperature, thermometers, and the weather), or The Wind Did It (why wind causes leaves to blow, hats to fly off, and trees to sway).	5 to 9
Sid the Science Kid: Change Happens	27/episode	<i>Select one of the following cartoon episodes</i> : about discovering the effects of time, temperature and the environment: My Mushy Banana, My Shrinking Shoes, My Ice Pops, or The Perfect Pancake.	5 to 9
Sid the Science Kid: Feeling Good Inside and Out	27/episode	<i>Select one of the following cartoon episodes</i> : A Brush with Teeth (different kinds of teeth and why brushing is important), I want Cake (why only eating birthday cake at every meal is a regretful decision), The Big Sneeze (washing your hands is important even when you can't see the germs), or Must See TV (learn an unhappy fact - that not exercising makes your body feel terrible!).	5 to 9
Sid the Science Kid: The Bug club	27/episode	<i>Select one of the following cartoon episodes</i> : Hello Doggie (animals communicate in lots of different ways), Home Tweet Home (why bees live in hives and ants live in anthills), The Dirt on Dirt (what makes dirt so dirty), and Don’t Forget the Leaves (what leaves actually do).	5 to 9
Bike Safety with Bill Nye the Science Guy and I’m No Fool on Wheels	29	All about bike safety with Bill Nye and Jimmy Cricket I’m not fool bike safety.	5 to 9

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Marie Curie	30	Cartoon on the life of Madame Curie and her devotion to her work and the importance of education.	5 to 9
All About Natural Resources	23	Teaches about resources that are products of nature, discovering along the way what makes some natural resources renewable and others nonrenewable.	5 to 9
Disney - The Science of Imagineering: Electricity	30	Disney Imagineers show students how electricity brings some of their favorite rides to life. Students will learn the definitions of source, load, conductor, watts, as well as static electricity and its connection to lightning rods aboard the Disney Magic cruise ship.	6 to 10
Natural Disasters	27	Students will learn about global effects, explore causes, unearth historic disasters and understand the impact that natural disasters wreak on humans and our habitats.	7 to 14
Physical Science by Rock N' Learn	55	Marko the Pencil leads students on an entertaining adventure full of learning excitement. Topics include photosynthesis, parts of a plant, life cycles, genetic traits and adaptations, plant and animal cells, food webs, and more.	7 to 12
Earth Science by Rock N' Learn	61	Marko the Pencil and his friend Terra take learners on a fascinating journey to Marko's Super Science Station where it's easy and fun to understand science concepts and boost test scores. This science DVD covers the Solar System, weather and the water cycle, types of rocks, properties of minerals, volcanoes and plate tectonics, weathering, and alternative energy.	7 to 12
Disney Nature: Earth	90	Provides an opportunity of a lifetime to witness the astonishing creatures with which we share our Planet.	8 and up

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Disney - The Science of Imagineering: Energy	25	The Imagineers reveal the role energy plays in popular theme park attractions/learn that energy is the ability to do work and that energy is constantly being transferred from one thing to another. Also goes over Kinetic energy and renewable energy.	8 and up
Bill Nye The Science Guy: Lakes And Ponds	26	He explains the difference between lakes and ponds, and illustrates how they occur. These bodies of water are very common, especially in Minnesota, which boasts over 10,000 lakes.	8 and up
Bill Nye the Science Guy: Electrical Current	23	Bill Nye teaches electricity, volts, amps, watts, etc.	8 and up
Bill Nye the Science Guy: Insects	26	The lab kids go exploring at an insectarium and go digging for insect fossils.	8 and up
Bill Nye the Science Guy: Birds	26	Fly the coop with Bill Nye as he shows us how our feathery friends stay airborne, where they live and what they eat.	8 and up
Bill Nye the Science Guy: Energy	23	Bill Nye teaches energy and how it works in our lives.	8 and up
Bill Nye the Science Guy: Light Optics	23	Bill Nye teaches reflection, refraction, light and dark.	8 and up
Bill Nye the Science Guy: Magnetism	23	Bill Nye discusses magnets and magnetism.	8 and up
Bill Nye the Science Guy: Heat	23	Bill Nye teaches convection, conduction and radiation.	8 and up

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Bill Nye the Science Guy: Static Electricity	24	Bill Nye teaches about static electricity and electrical currents.	8 and up
Planet Earth: Pole to Pole	42	This video brings a new understanding of how the world is interconnected from the North Pole to the South Pole. It explains the importance of the sun's energy to life on earth and how seasons produce some of the world's greatest spectacles.	8 and up
Planet Earth: Fresh Water	42	Follow rivers as they course from mountain to the sea nourishing unique and dramatic wildlife and shaping the land. Also emphasizes the importance of rain in the water cycle.	8 and up
Planet Earth: Deserts	42	Voyage to the world's harshest environments and learn how life manages to sustain in every desert. The video examines the physical and behavioral adaptations that allow creatures to survive in such harsh conditions.	8 and up
Planet Earth: Ice Worlds	41	This segment explores the creatures that thrive in the cold. It also examines the stages of polar life in each season.	8 and up
Planet Earth: Seasonal Forests	42	Investigate temperature forests and find some of the most elusive and well-adapted plant life on earth. The video highlights and distinct characteristic of coniferous and deciduous trees including leaf type and reproduction.	8 and up
Planet Earth: Shallow Seas	42	Dive into the Planet's shallow waters and witness the ocean's explosion of life. The complex interactions among ocean inhabitants are examined. Footage is show from Indonesia, Bahrain, South Africa, Alaska, and Australia.	8 and up

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Plant Earth: Great Plains	42	Trek to the Earth's largest land habitats, where vast open spaces play host to the biggest groups of animals in the world. Viewers will be following migrations and exposed to the detailed life on earth.	8 and up
Planet Earth: Deep Ocean	42	Explore the depths of the oceans and discover some of the planet's most spectacular species. This video investigates predator-prey relationships and the realities of life underwater.	8 and up
Planet Earth: Mountains	42	Tour the planet's mightiest mountain ranges and meet the rare animals that inhabit them. This program explores the challenges of survival in mountain habitats such as Ethiopian Highlands, Andes, American Rockies, Alps, Karakoram, and Himalayas.	8 and up
Planet Earth: Caves	42	Descend into the only habitat not directly driven by sunlight to discover some of the most peculiar creatures on earth.	8 and up
Planet Earth: Jungles	42	Tracks of the life cycle of plants in the jungle and reveals intimate relationships between plants, fungi, and animals to maintain balance and diversity in the Amazon.	8 and up
Butterfly and Moth	35	Video shows the life and evolution of butterflies and moths.	8 to 10
Getting Charged: Understanding Static Electricity	15	Designed to educate students about the basic concepts in the physical sciences.	8 to 12

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The Way Things Work	13	Learn all about static and current electricity in a whimsical animated adventure.	8 to 12
Bill Nye the Science Guy: Renewable Energy	21	Bill Nye explores the science of renewable and non-renewable energy.	8 to 12
Energy in Action: Nuclear Energy	23	In Nuclear Energy, kids will discover the incredible power stored inside a tiny atom and also learn that although nuclear energy is clean, there are safety issues that must be addressed.	9 and up
Great Pacific Media: The Invisible River of Energy	22	This program provides students with a fundamental understanding of electricity from topics that include: static and current electricity: definition of volts, ohms, and more.	9 and up
Engineers Can Do Anything	20	Provides insight into the world of engineering for anyone who wants to be inspired but doesn't know how to start.	10 and up
Inventions by African Americans	27	This program shows the achievements and contributions of African American and other minority inventors.	10 and up
Power Shift	26	This video explores the remarkable ways energy touches our daily lives.	10 and up
Physical Science in Action: ELECTRICITY	23	Learn about positive and negative charges, the flow of electrical current and open/closed circuits. Fun, engaging demonstrations and clean graphics help students visualize that electricity is really the flow of free electrons.	10 to 13

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Dream Big: Engineering Our World	42	Celebrates the human ingenuity behind engineering marvels big and small and shows how engineers push the limits of innovation in unexpected and amazing ways.	10 and up
Greatest Discoveries with Bill Nye: PHYSICS	45	Explore discoveries in physics over the last 450 years (gravity, electromagnetism, force between protons and neutrons). Explains thermodynamics, superconductors, how E=MC2 helped develop nuclear power, the quantum leap, structure of an atom and quarks.	14 to Adult
Planet Earth: Saving Species	50	Contemplate the benefits and consequences of conservation methods and the race to save plant and animals species from extinction. This program stresses the need to protect all species from extinction.	15 and up
Planet Earth: Living Together	50	Consider the methods and focus of the conservation movement in today's society and evaluate the implications of sustainable development on economic and cultural growth. Scientist in the video are debating strategies for preserving and environment while maintaining economic expansion.	15 and up
Planet Earth - The Future: Into the Wilderness	50	Examine the planet's wilderness areas and study humankind's impact on these ecosystems. This video observes how logging pollution and overpopulation disrupt many habitats and ultimately harm human societies.	15 and up
Secrets of Science: Exploring Energy	47	An overview of the many forms of energy. A look at the process that creates nuclear energy.	15 and up
The Eyes of Nye: Nuclear Energy	25	This Video weighs the risks and advantages of using nuclear power as an alternative source of energy.	15 and up

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Nuclear Power: Energy for Today & Tomorrow	20	Virtual Plant Tour - includes Security, Control Room and Environmental Lab. Explains the three key nuclear components (turbine, generator and cooling tower). Animated sequences on isotopes, nuclear fission and more.	Middle School, High School, and Adults