

## WORLD OF ENERGY: VIDEOS, MOVIES, DOCUMENTARIES

VIDEO TITLE	FORMAT	VIEWING AGE	RUN TIME	SYNOPSIS
Disney's Timon and Pumbaa: Safety Smart at Home!	1 DVD	4-8	11 min.	Students join the loveable Lion King characters and discover the importance of always being on the lookout for safety problems.
Sid the Science Kid: Going, Going, Green!	1 DVD	4-8	115 min. total	Episodes: Where Did the Water Go?, Clean Air, Reused Robot and Save the Stump.
Sid the Science Kid: Change Happens	1 DVD	4-8	115 min. total	Episodes: My Mushy Banana, My Shrinking Shoes, My Ice Pops and The Perfect Pancake.
Sid the Science Kid: Gizmos and Gadgets	1 DVD set	4-8	115 min. total	Episodes: The Broken Wheel, My Slide, Sid's Amazing Invention and The Tree House.
Bill Nye: Atoms	1 DVD, 2 VHS	8+	26 min.	Bill Nye explains how atoms combine to form molecules.
Bill Nye: Chemical Reactions	2 DVD, 1 VHS	8+	26 min.	Bill Nye explains everything is made of chemicals.
Bill Nye: Electrical Current	1 VHS	8+	26 min.	Bill Nye teaches electricity, volts, amps, watts, etc.

Bill Nye: Do it Yourself Science	1 DVD	8+	26 min.	Bill Nye shows us some easy experiments for the backyard scientists.
Bill Nye: Electricity	1 DVD	8+	26 min.	Bill Nye explores the science of safety using electricity.
Bill Nye: Energy	1 VHS	8+	26 min.	Bill Nye demonstrates how water, heat, light and sound make things go.
Bill Nye: Friction	2 DVD, 1 VHS	8+	26 min.	Bill Nye illustrates how various types of transportation utilize friction, from trains, skateboards and automobiles.
Bill Nye: Inventors	1 DVD	8+	26 min.	Bill Nye takes a look at inventors of the world.
Bill Nye: Lakes and Ponds	1 DVD	8+	26 min.	Bill Nye talks about where all the water comes from.
Bill Nye: Light and Optics	1 VHS	8+	23 min.	Bill Nye teaches reflection, refraction, light and dark.
Bill Nye: Magnetism	1 DVD, 1 VHS	8+	24 min.	Bill Nye shows all kinds of unexpected places where magnets can be found. In fact, the Earth itself is a huge magnet!
Bill Nye: Motion	2 DVD, 1 VHS	8+	26 min.	Bill Nye demonstrates how things 'at rest' stay 'at rest' until acted upon by an outside

				force.
Bill Nye: Nuclear Energy	1 DVD	14+	26 min.	Bill Nye weighs the risks and advantages of nuclear power.
Bill Nye: Phases of Matter	1 DVD, 2 VHS	8+	26 min.	Bill Nye takes viewers on a tour of a steel mill to help demonstrate solids, liquids and gases.
Bill Nye: Renewable Energy	1 DVD	8+	21 min.	Bill Nye explores the science of renewable and non-renewable energy.
Bill Nye: Simple Machines	2 DVD, 1 VHS	8+	26 min.	Bill Nye shows that simple machines doing complicated things can be found everywhere.
Bill Nye: Static Electricity	1 VHS	8+	26 min.	Bill Nye teaches about static electricity and electric currents.
Bill Nye: Water Cycle	1 DVD	8+	26 min.	Bill Nye takes a look at the cycles of water on Earth.
Bill Nye: Waves	1 VHS	8+	26 min.	Bill Nye demonstrates wave energy and the attributes of a wave.
Bill Nye: Wind	1 VHS	8+	26 min.	Bill Nye goes parachuting and sailing to show the relationship between the sun, earth, wind, and weather.
Bill Nye: Stuff Happens	1 DVD	8+	27 min.	Let's face it, we all have "stuff." Bill Nye takes a closer look at the ramifications of the

				products peppering our everyday lives.
Disney's EARTH	1 DVD	All ages	90 min.	An epic story of adventure, starring some of the most magnificent and courageous creatures alive, awaits you in EARTH. Polar bears, elephants and humpback whales.
Discovery Channel's Planet Earth	1 DVD (5-disc series)	All ages	11 parts	
Expeditions: Patrick McMillan – Great Bear Rainforest	1 DVD	8+	27 min.	Patrick travels with Heiltsuk First Nations members upriver with salmon, eagles and bears, following the flow of nutrients from ocean to forest.
Expeditions: Patrick McMillan – Exploring Eastatooe-Diversity of Rival Rainforests (LOCAL)	1 DVD	8+	27 min.	Patrick McMillan and Nancy Neal ascend an 80 degree slope on a 90 degree day to explore the hotspot of biological diversity in the S.C. upstate.
Expeditions: Patrick McMillan – Port Royal Sound-A Hotspot of Coastal Diversity (LOCAL)	1 DVD	8+	27 min.	Join Patrick as he explores the beaches, waterways and marshes to uncover a hotspot of biological diversity on a Port Royal Sound adventure.

Expeditions: Patrick McMillan – Bats-The Strange and Secret Lives of Bats (LOCAL)	1 DVD	8+	27 min.	Patrick and Nancy travel to the Nantahala Mountains in North Carolina to explore the importance of bats and uncover the bizarre adaptations that allow these creatures to take flight.
Adventures of Trash Man and Rubbish	1 VHS	All ages	9 min.	The adventures of a "Trash Recycling" Super Hero and his sidekick bird.
Electricity and Electrical Safety	1 VHS	All ages	30 min.	Talks about electricity and answers questions asked by children in an informative, easy to understand manner.
School House Rock! Earth	1 DVD	All ages	10 min.	This specially designed Classroom Edition takes the highly regarded series to heights that will make Schoolhouse Rock fans out of a whole new generation of kids.
I'm No Fool with Electricity	2 VHS	5-10	Short version: 10 min.; Long version: 16 min.	Teaches safe use of electricity and provides awareness of both helpful and hazardous characteristics of electricity.
Where the Little Light Bulb gets its Juice	1 VHS	5-10	5 min.	Teaches how electricity gets from power plant

				to light bulb.
Juie the Lightning Bug: Play it Safe Around Electricity	1 DVD	5-10	10 min.	Electrical safety message for kids with Duke's Juie bug.
Pigopolis	2 VHS	5-10	13 min.	Animated fairy tale showing the importance of natural resource conservation.
Physical Science for Children: All About Magnets	1 DVD	5-10	23 min.	
Physical Science for Children: All About Electricity	1 DVD	5-10	23 min.	
Physical Science for Children: Electricity	1 DVD	10-14	23 min.	Fast-paced visuals and experiments provide a better understanding of the parts of an atom; how magnets work; and the differences between conductors and insulators.
Electricity Quiz	1 VHS, 1 DVD	10+	30 min.	All kinds of questions.
Great Search	2 VHS	10-14	12 min.	Disney animated video shows how energy has evolved over time – witty and fun.
Physical Science in Action	1 DVD	10-14	23 min.	
Energy from the Atom	1 VHS	12-16	18 min.	Animated film discusses atoms and elements. Scientists show how the fission process creates energy. Also discusses

				how benefits of this process are used in agriculture, industry, medicine, space probes, etc.
Nikola Tesla: The Genius who Lit the World	1 DVD	14+	50 min.	His contributions to science include the invention of radio, TV, radio-astronomy, radar, remote control and robotics, etc.
The Atom: A Closer Look	1 VHS	14+	30 min.	High school level discussion of nuclear energy.
Heritage (LOCAL)	6 DVD, 7 VHS	14+	21 min.	Learn about the history of Oconee County's land and lakes.
Arrows to Atoms (LOCAL)	2 DVD, 3 VHS	14+	25 min.	From the home of the Indians to the home of Oconee Nuclear Station.
Oconee County: The Golden Corner of S.C.	1 VHS	14+	13 min.	A film from 1990 highlighting the beauty of the Golden Corner (needs updating).
Experience Oconee (includes Oconee: Land Beside the Water and The Great Canoe Rescue)	9 DVD	14+		
Oconee: Land Beside the Water	1 DVD	14+		
Appalachian Trail	1 DVD	14+	25 min.	The epic journey of the 2,180-mile national

				scenic trail.
Becoming Green: Car of the Future	1 DVD	14+	54 min.	Is new technology about to transform the way we drive? A look at America's four-wheeled future.
Becoming Green: Solar Energy	1 DVD	14+	56 min.	Can solar power help save the Earth from the ravages of global warming?
Becoming Green: Global Warming	1 DVD	14+	112 min.	Are these natural, temporary glitches in our global climate, or is the devastation the result of global warming? The weather is different now – but why?
Becoming Green: Rachel Carson's Silent Spring	1 DVD	14+	55 min.	Carson's expose of the chemical industry, especially into the effects of unregulated use of pesticides and herbicides. A best-selling documentary.
Pandora's Promise	1 DVD	14+	80 min.	Documentary: Asks whether the one technology we fear most could save our planet from a climate catastrophe, while providing energy needed to lift billions out of poverty.

