

<u>Video Title</u>	<u>Video Running Time</u>	<u>Synopsis of Video</u>	<u>Ages</u>
The Adventures of Trash Man and Rubbish	8 minutes 40 sec.	The adventures of a "Trash Recycling" Super Hero and his sidekick bird.	All Ages
Electricity and Electrical Safety	29 minutes	Talks about electricity and answers "Tell me why" questions asked by children in an informative, easy to understand manner aided by incredible visuals.	All Ages
I'm No Fool With Electricity	10 minutes (animated)	Teaches safe use of electricity and provides awareness of both helpful and hazardous characteristics of electricity.	5 to 10
Where the Little Light Bulb gets It's Juice	5 minutes	Teaches how electricity gets from power plant to light bulb	5 to 10
Pigopolis	13 minutes	Animated fairy tale showing the importance of natural resource conservation	5 to 10
Radioactivity	11 minutes 30 sec.	Narrator Tom Weyburn explains radioactivity and illustrates the difference between alpha, beta, and gamma rays.	8-Up
Physical Science in Action:			
Electricity	23 minutes	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	10-Up
The Great Search: Man's Need for Power and Energy	12 minutes	Video shows how energy has evolved over time.	12 to 14
Energy From The Atom	18 minutes	Animated film that 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.	12 to 16
Our Nuclear Future Today	23 minutes	Talks about the benefits of nuclear power and answers some of the more common questions about this important form of energy.	12-up
Nikola Tesla: "The Genius Who Lit The World"	50 minutes	His contributions to science include the invention of radio, tv, radio-astronomy, radar, remote control and robotics, etc.	14-Up
The Atom: A Closer Look	30 minutes	High school level discussion of nuclear energy	14-Up
Heritage	21 minutes	Learn about the history of Oconee County's land and lakes	14-Up
Arrows to Atoms	25 minutes	From the home of the Indians to the home of Oconee Nuclear Station	14-Up
Oconee: Land Beside the Water		Key milestones and events from Oconee County's past and present	14-Up
Bill Nye the Science Guy:			
1. Atoms	26 minutes	Bill Nye explains how atoms combine to form molecules in this fascinating program.	8-Up
2. Chemical Reactions	26 minutes	Bill Nye explains that everything is made of chemicals. He shows that fire is actually a chemical reaction.	8-Up

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3. Electrical Current	26 minutes	Bill Nye teaches electricity, volts, amps, watts, etc.	8-Up
4. Energy	26 minutes	Bill Nye demonstrates how water, heat, light and sound make things go.	8-Up
5. Friction	26 minutes	Bill Nye illustrates how various types of transportation utilize friction, from the use of traction in trains and the roll of ball bearings in skateboards and automobiles.	8-Up
6. Light and Optics	23 minutes	Bill Nye teaches reflection, refraction, light and dark.	8-Up
7. Magnetism	24 minutes	Bill Nye shows all kinds of unexpected places where magnets can be found. In fact, the Earth itself is a huge magnet!	8-Up
8. Motion	26 minutes	Bill Nye demonstrates how things 'at rest' stay 'at rest' until acted upon by an outside force.	8-Up
9. Phases of Matter	26 minutes	Bill Nye takes viewers on a tour of a steel mill to help demonstrate that matter exists in three phases (solids, liquids, and gases).	8-Up
10. Simple Machines	26 minutes	Bill Nye answers questions such as: What are simple machines? How do they help us? What is a wheel? Bill shows that simple machines doing complicated things can be found everywhere.	8-Up
11. Static Electricity	26 minutes	Bill Nye teaches about static electricity and electric currents.	8-Up
12. Waves	26 minutes	Bill Nye demonstrates wave energy and the attributes of a wave.	8-Up
13. Wind	26 minutes	Bill Nye goes parachuting and sailing to show the relationship between the sun, earth, wind, and weather. He also shows ways to harness the power of the wind.	8-Up