

Curriculum Overview - Alignment with Science Education Standards

Unit 5

Unit 4

Unit 3

Unit 2

Unit 1

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
	What is the water cycle?	How is flowing water an energy source?	How can work be done with water power?	How can a dam affect a river?	How can community values affect the energy resources we select?
Standard I. Habits of the Mind					
Goal A: Science Processes All students will practice science that emphasizes scientific process skills.	X	X	X	X	X
Goal B: Values All students will practice science that develops the following attributes: value of scientific inquiry, appreciation of technology, honesty, curiosity, open-mindedness, skepticism, wonder, perseverance, enthusiasm.	X	X	X	X	X
Standard II. Science Themes					
Goal A: Change and Constancy All students will understand how physical and living entities undergo change and constancy through the interaction of energy and matter.	X	X	X	X	X
Goal B: Systems and Interaction All students will understand that a system is a collection of things and processes that interact to perform some function.	X	X	X	X	
Goal C: Models, Scale and Structure All students will understand and be able to use models to explain, predict, or represent phenomena; understand that the way in which things work may change with scale; understand that structure is an integral part of any system.	X	X	X	X	X

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From Idaho K - 12 Science Content Guide and Framework

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Standard III. Nature of Science					
Goal A: Science and Technology in Society All students will understand the relevance and the interrelationships between science and society; apply current technology to the learning of science.	X		X	X	X