

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?
Oregon Common Curriculum Goals (Draft)					
Unifying Concepts and Processes: Understand and apply major concepts and processes common to all sciences.	X	X	X	X	X
Physical Science: Understand structures and properties of matter and changes that occur in the physical world.	X	X	X	X	X
Life Sciences: Understand structure, functions and interactions of living organisms and the environment.	X		X	X	
Earth and Space Science: Understand physical properties of earth, how those properties change, and the earth's relationship to other celestial bodies..	X	X	X	X	X
Science Inquiry: Use interrelated processes to pose questions, investigate change and cultivate understanding about the natural world.	X	X	X	X	X
Science and Technology: Demonstrate understanding of the interconnection among science, technology and society.	X	X	X	X	X
Science In Personal and Social Perspectives: Understand that science provides a basis for understanding and acting on personal and social issues.	X		X	X	X
History and Nature of Science: Understand the human aspects of science, the role of science in the development of various cultures, and the history of science as it relates to and clarifies scientific inquiries.	X		X	X	X