National Science Education Content Standards

Lessons from the Nez Perce Reservation

Grade Level	Kindergarten				Grade 1				Grade 2				Grade 3				Grade 4			
Lesson Title	Clean Water vs. Dirty Water	Cleansing, Sparkling Koos	Mother Earth	*Niimiipum Imniwit* - The Nez Perce Year of Seasons	Making Thunderstorms	Snowshoe Hare and Cottontail Rabbit	The Tadpole and the Frog	Valley of the Butterflies	Himeen: Reintroducing Ourselves to the Wolf	Potlatch Creek	Sucker and Whitefish	Water Cycle	Ant and Yellow Jacket	Celilo - Then & Now	Journey of the Salmon	Suitcase, Parfleche and 'Isaptakay	People Under the Tule	Petroglyphs: Protecting the Past	The Appaloosa - Horse of the Nez Perce	The Bulbs: Camas and Daffodil
Unifying Concepts and Processes																				
Systems, order, and organization									X			X								
Evidence, models, and explanation																				
Change, constancy, and measurement																				
Evolution and equilibrium																				
Form and function											X						X			
Science as Inquiry																				
Abilities necessary to do scientific inquiry	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Understandings about scientific inquiry																				
Physical Science																				
Properties of objects and materials																				
Position and motion of objects																				
Light, heat, electricity, and magnetism																				
Life Science																				
Characteristics of organisms											X								X	X
Life cycles of organisms				X			X						X							X
Organisms and environments	X		X	X		X	X	X	X	X	X			X						X
Earth and Space Science																				
Properties of earth materials			X							X		X	X			X	X	X		
Objects in the sky																				
Changes in earth and sky				X	X								X						X	
Science and Technology																				
Abilities of technological design																	X			
Understanding about science and technology																				
Abilities to distinguish between natural objects and objects made by humans																				
Science in Personal and Social Perspectives																				
Personal health																				
Characteristics and changes in populations																				
Types of resources	X	X										X					X			
Changes in environments		X					X	X	X					X						X
Science and technology in local challenges														X						
History and Nature of Science																				
Science as a human endeavor	X																			