

Science Content Standards* Grades 9-12

Completely meets Standards
 Partially meets Standards

		Unifying Concepts and Processes					Science as Inquiry		Physical Science					Life Science					Earth and Space Science			Science and Technology		Science in Personal and Social Perspectives					History & Nature of Science							
		Systems, order and organization	Evidence, models, and explanation	Change, contancy, and measurement	Evolution and equilibrium	Form and function	Abilities necessary to do scientific inquiry	Understandings about scientific inquiry	Structure of atoms	Structure and properties of matter	Chemical reactions	Motions and forces	Conservation of energy and increase in disorder	Interactions of energy and matter	The cell	Molecular basis of heredity	Biological evolution	Interdependence of organisms	Matter, energy, and organization in living systems	Behavior of organisms	Energy in the earth system	Geochemical cycles	Origin and evolution of the earth system	Origin and evolution of the universe	Abilities of technological design	Understandings about science and technology	Personal and community health	Population growth	Natural resources	Environmental quality	Natural and human-induced hazards	Science & technology in local, national, & global challenges	Science as a human endeavor	Nature of scientific knowledge	Historical perspectives	
293	Back to the Future		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>																														
300	The CEO	<input type="checkbox"/>																					<input type="checkbox"/>	<input type="checkbox"/>												
3	Check it Out!		Depends on Activity																																	
367	Choices and Preferences, Water Index																										<input type="checkbox"/>			<input type="checkbox"/>						
223	Color Me a Watershed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																		<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
377	Dilemma Derby	<input type="checkbox"/>														<input type="checkbox"/>									<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
303	Dust Bowls & Failed Levees	<input type="checkbox"/>																																		
136	Get the Ground Water Picture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>																		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>			
311	A Grave Mistake		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
246	Great Water Journeys	<input type="checkbox"/>				<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>										<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
388	Hot Water		Depends on Activity																																	
7	Idea Pools		Depends on Activity																																	
9	Let's Work Together		Depends on Activity																																	
260	The Long Haul			<input type="checkbox"/>																				<input type="checkbox"/>							<input type="checkbox"/>					
262	Nature Rules!																											<input type="checkbox"/>								
89	People of the Bog	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>																<input type="checkbox"/>	<input type="checkbox"/>				
397	Perspectives																											<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
333	The Price is Right	<input type="checkbox"/>	<input type="checkbox"/>																				<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
338	The Pucker Effect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>																				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
442	The Rainstick					<input type="checkbox"/>																														
348	Sparkling Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>																<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			
353	Super Bowl Surge	<input type="checkbox"/>	<input type="checkbox"/>																				<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
107	Super Sleuths					<input type="checkbox"/>																			<input type="checkbox"/>											
400	Water: Read All About it!		Depends on Activity																																	
12	Water Actions		Depends on Activity																																	
403	Water Bill of Rights																										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
421	Water Court	<input type="checkbox"/>																									<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						<input type="checkbox"/>	
421	Water Crossings																						<input type="checkbox"/>	<input type="checkbox"/>												
450	wAteR in moTion																																			
19	Water Log		Depends on Activity																																	
457	Water Write	<input type="checkbox"/>																					<input type="checkbox"/>								<input type="checkbox"/>					
206	Wet Vacation	<input type="checkbox"/>	<input type="checkbox"/>																																	
360	Wet-Work Shuffle	<input type="checkbox"/>													<input type="checkbox"/>																					
425	What's Happening?		Depends on Activity																																	
429	Whose Problem is it?																																			
460	Wish Book																																			

*National Academy of Sciences. *National Science Education Standards*. 1996. Washington, D.C.: National Academy Press.