

American Association for the Advancement of Sciences Benchmarks (*Grades 3-5*)

	Pre/Post Assessment	The Greenhouse Effect Skit	The Greenhouse Experiment (and puzzle)	CO2 Emissions (By Population)	Ice Cores Teachers Guide	Activity 2: Historical Climate Statistics	The Artic and Antarctic Circles	Activity 4: Adapting to Survive	Bearly Any Ice	The Food Web Game	Sing! Sing a Song!	Doing Your Bit	Ahimsa Media's Extension
The Nature of Science													
<i>1B: Scientific Inquiry</i>													
			X		X				X				
The Nature of Mathematics													
<i>2A: Patterns and Relationships</i>													
						X							
The Nature of Technology													
<i>3A: Technology and Science</i>													
								X					
The Physical Setting													
<i>4E: Energy Transformations</i>													
		X	X										
The Living Environment													
<i>5D: Interdependence of Life</i>													
									X	X			
Human Society													
<i>7A: Cultural Effects on Behavior</i>													
								X					
The Mathematical World													
<i>9A: Numbers</i>													
			X										
<i>9B: Symbolic Relationships</i>													
				X		X			X				
<i>9C: Shapes</i>													
						X							

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Common Themes													
<i>11A: Systems</i>									X	X			
<i>11B: Models</i>		X		X					X	X			
Habits of Mind													
<i>12D: Communication Skills</i>			X										
<i>12E: Critical – Response Skills</i>							X						

NRC National Science Education Standards (*Grades 3-5*)

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Content Standard A: Science as Inquiry													
<i>Abilities to do Scientific Inquiry</i>			X	X	X				X				
<i>Understanding about Scientific Inquiry</i>					X								
Content Standard B: Physical Science													
<i>Light, Heat, Electricity, and Magnetism</i>		X	X										
Content Standard C: Life Science													
<i>Characteristics of Organisms</i>								X	X	X			
<i>Organisms and Environments</i>			X			X		X	X	X			
Content Standard D: Earth and Space Science													
<i>Changes in the Earth and Sky</i>					X		X						
Content Standard E: Science and Technology													
<i>Understandings about Science and Technology</i>			X										
Content Standard F: Science in Personal and Social Perspectives													
<i>Types of Resources</i>		X											
<i>Changes in Environment</i>			X	X					X				