

## Which Science Standards Are Supported in This Module?

	Activity 1: How Hot Can You Make Water?	Activity 2: How Far Does Water Warm as Ice Melts?	Activity 3: How Can We Increase the Height of the Transition Plateau?	Activity 4: Do Fish Believe in Wacky? Do Students Believe in Air?	Activity 5: Testing Your Hypothesis by Boiling Water Below Its Freezing Point	Activity 6: Is There Water on Mars?	Activity 7: Where Would You Search for Water on Mars?
<b>Unifying Concepts and Processes</b>							
• Systems, Order, and Organization				●		●	●
• Evidence, Models, and Explanation	●	●	●	●	●	●	●
• Constancy, Change, and Measurement	●	●	●	●	●	●	●
• Evolution and Equilibrium	●	●	●		●	●	
<b>Science as Inquiry</b>							
• Abilities Necessary to Do Scientific Inquiry	●	●	●	●	●	●	
• Understandings About Scientific Inquiry	●	●	●	●	●	●	●
<b>Physical Science</b>							
• Structure and Properties of Matter	●	●	●	●	●	●	
• Motions and Forces	●	●	●	●	●	●	
• Conservation of Energy and Increase in Disorder	●	●	●		●		
• Interactions of Energy and Matter	●	●	●		●		
<b>Earth and Space Science</b>							
• Energy in the Earth System	●	●	●		●		
• Origin and Evolution of Planets						●	●
• Origin and Evolution of Planetary Systems						●	●
<b>Science and Technology</b>							
• Abilities of Technological Design							●
• Understandings About Science and Technology						●	●
<b>History and Nature of Science</b>							
• Science as a Human Endeavor						●	●
• Nature of Scientific Knowledge	●	●	●	●	●	●	●

