

# Overview Chart for Delta Science Reader

## Water Cycle

Selections	Vocabulary
<b>Think About...</b>	
<p><b>Why Is Earth Called the Water Planet?</b> <i>page 2</i></p> <ul style="list-style-type: none"> <li>• Salt Water <i>page 3</i></li> <li>• Fresh Water on Earth's Surface <i>page 4</i></li> <li>• Fresh Water in the Ground <i>page 5</i></li> <li>• Fresh Water in Plants <i>page 6</i></li> <li>• Fresh Water in the Atmosphere <i>page 7</i></li> </ul>	<p>estuary, lake, ocean, river</p> <p>glacier, iceberg, ice cap, surface water</p> <p>absorb, groundwater, porous, water table</p> <p>photosynthesis, transpiration</p> <p>atmosphere, cloud, humidity, water vapor</p>
<p><b>How Water Changes Form</b> <i>page 8</i></p>	<p>condensation, evaporation, freeze, melt</p>
<p><b>What Is the Water Cycle?</b> <i>page 10</i></p> <ul style="list-style-type: none"> <li>• Earth's Weather <i>page 12</i></li> </ul>	<p>precipitation, runoff, water cycle</p> <p>weather</p>
<b>People in Science</b>	
<ul style="list-style-type: none"> <li>• Luke Howard <i>page 13</i></li> </ul>	
<b>Did You Know?</b>	
<ul style="list-style-type: none"> <li>• Water Is a Resource <i>page 14</i></li> </ul>	<p>desalination, irrigation, resource, water conservation, water treatment plant</p> <p><i>optional:</i> nonrenewable resource, renewable resource</p>

See pages 431–440 for teaching suggestions for the Delta Science Reader.

# Overview Chart for Delta Science Reader

## Force and Motion

Selections	Vocabulary
<b>Think About...</b>	
<b>What Is a Force?</b> <i>page 2</i>	force, friction, gravity, newton, spring scale, weight
<b>What Is Motion?</b> <i>page 3</i>	direction, distance, motion, position, speed
<b>Energy and Work</b> <i>page 4</i>	energy, work
<b>What Are Simple Machines?</b> <ul style="list-style-type: none"> <li>• Lever</li> <li>• Wheel and Axle</li> <li>• Pulley</li> <li>• Inclined Plane</li> <li>• Wedge</li> <li>• Screw</li> </ul> <i>pages 5–11</i>	effort, fulcrum, inclined plane, lever, load, machine, pivot, pulley, screw, simple machine, wedge, wheel and axle
<b>People in Science</b>	
<ul style="list-style-type: none"> <li>• <b>Bicycle Inventors</b></li> </ul> <i>page 12</i>	
<b>Did You Know?</b>	
<ul style="list-style-type: none"> <li>• <b>How Waterwheels Work</b></li> </ul> <i>page 14</i>	waterwheel
<ul style="list-style-type: none"> <li>• <b>About Friction</b></li> </ul> <i>page 15</i>	lubricant

See pages 441–448 for teaching suggestions for the Delta Science Reader.

# Overview Chart for Delta Science Reader

## Food Chains and Webs

Selections	Vocabulary
<b>Think About...</b>	
<p><b>What Is a Pond Ecosystem?</b> <i>page 2</i></p>	<p>community, ecosystem, habitat, organism, population, species</p>
<p><b>Living Things Interact</b> <i>page 4</i></p>	<p>adaptation, camouflage, host, interact, mimicry, parasite, predator, prey</p>
<p><b>Energy in an Ecosystem</b> <i>page 6</i></p>	<p>carnivore, consumer, decomposer, energy pyramid, food chain, food web, herbivore, nutrients, omnivore, producer, scavenger</p>
<p><b>How Do Ecosystems Change?</b> <i>page 10</i></p>	<p>diversity, endangered, extinct</p>
<b>People in Science</b>	
<ul style="list-style-type: none"> <li>• <b>Charles Darwin</b> <i>page 11</i></li> <li>• <b>Rachel Carson</b> <i>page 12</i></li> <li>• <b>Ecologists</b> <i>page 13</i></li> </ul>	
<b>Did You Know?</b>	
<ul style="list-style-type: none"> <li>• <b>About Wolves and Moose on Isle Royale</b> <i>page 14</i></li> <li>• <b>About Mountain Ecosystems</b> <i>page 15</i></li> </ul>	

See pages 449–457 for teaching suggestions for the Delta Science Reader.

