

Energy Pendulum		Grade 5: Conservation of Energy Resources	
Curriculum Connections	Topic	Earth and Space	
	Fundamental Concepts	Energy	
<p>Description In this lesson, students will make a pendulum and watch it swing to investigate potential and kinetic energy.</p>			
<p>Big Ideas Energy can neither be created nor destroyed, but it can be transformed.</p>		<p>Overall Expectations 2. investigate energy transformation and conservation; 3. demonstrate an understanding of the various forms and sources of energy and the ways in which energy can be transformed and conserved.</p>	
<p>Specific Expectations 2.3 use technological problem-solving skills to design, build, and test a device that transforms one form of energy into another, and examine ways in which energy is being “lost” in the device 3.3 describe how energy is stored and transformed in a given device or system 3.4 recognize that energy cannot be created or destroyed but can only be changed from one form to another</p>			