

Friction: Fun with Ramps		Grade 1: Materials, Objects, and Everyday Structures	
Curriculum Connections	Topic	Structures and Mechanisms	
	Fundamental Concepts	Structure and Function	
<b>Description</b> Students will explore friction using a simple machine and investigate how different materials create different amounts of friction.			
<b>Big Ideas</b> Objects have observable characteristics and are made from materials.		<b>Overall Expectations</b> 2. investigate structures that are built for a specific purpose to see how their design and materials suit the purpose; 3. demonstrate an understanding that objects and structures have observable characteristics and are made from materials with specific properties that determine how they are used.	
<b>Specific Expectations</b> 2.4 use technological problem-solving skill and knowledge acquired from previous investigations, to design, build, and test a structure for a specific purpose 3.7 describe the properties of materials that enable the objects and structures made from them to perform their intended function			