

Gears		Grade 4: Pulleys and Gears	
<b>Curriculum Connections</b>			
		<b>Topic</b>	Structures and Mechanisms
		<b>Fundamental Concepts</b>	Systems and Interactions
<b>Description</b> Explore, investigate and dissect objects from home that have gears.			
<b>Big Ideas</b> Gears are specialized wheels and axles that are used daily in many machines		<b>Overall Expectations</b> <b>3.</b> demonstrate an understanding of the basic principles and functions of pulley systems and gear systems	
<b>Specific Expectations</b> <b>3.6</b> identify pulley systems and gear systems that are used in daily life and explain the purpose and basic operation of each			