

Compression and Tension		Grade 5: Forces Acting on Structures and Mechanisms	
Curriculum Connections	Topic	Structures and Mechanisms	
	Fundamental Concepts	Structure and Function	
<p>Description For a structure to stand the test of time, it has to be able to resist internal forces that act upon it. Investigate compression and tension forces and test how they affect building materials.</p>			
<p>Big Ideas Structures and mechanisms throughout our environment have forces that act on and within them.</p>		<p>Overall Expectations 3. identify forces that act on and within structures and mechanisms, and describe the effects of these forces on structures and mechanisms.</p>	
<p>Specific Expectations 3.1 identify internal forces acting on a structure and describe their effects on the structure 3.2 identify external forces acting on a structure and describe their effects on the structure</p>			