

Tallest Tower		Grade 5: Forces Acting on Structures and Mechanisms	
Curriculum Connections		Topic	Structures and Mechanisms
		Fundamental Concepts	Structure and Function
<p>Description Do you have what it takes to build the tallest tower? Learn what traits make a tower a tower and put your building skills to the test against internal and external forces.</p>			
<p>Big Ideas We can measure forces in order to determine how they affect structures and mechanisms. This information can be used to guide the design of new structures and mechanisms.</p>		<p>Overall Expectations 2. investigate forces that act on structures and mechanisms.</p>	
<p>Specific Expectations 2.3 use scientific inquiry/research skills to investigate how structures are built to withstand forces 2.4 use technological problem-solving skills to design, build, and test a frame structure that will withstand the application of an external force</p>			