

Sound as Vibrations		Grade 4: Light and Sound	
Curriculum Connections	Topic	Matter and Energy	
	Fundamental Concepts	Energy	
Description In this lesson, students will learn about the properties of sound by building various instruments. Students will learn that sound is caused by vibrations and can be amplified.			
Big Ideas Light and sound are forms of energy with specific properties Sound is created by vibrations		Overall Expectations 2. investigate the characteristics and properties of light and sound 3. demonstrate an understanding of light and sound as forms of energy that have specific characteristics and properties	
Specific Expectations 2.2 investigate through experimentation how various materials and construction techniques can be used to add strength to structures 3.5 identify properties of materials that need to be considered when building structures 3.6 describe ways in which the strength of different materials can be altered			