

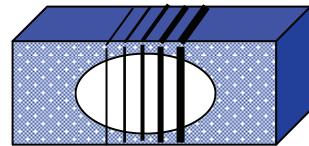
**Science IDEAS Writing Prompt: Energy, Tab 6: Sound, Expository**

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READ  
INQUIRE  
EXPLAIN

Mary is building her own musical instrument by stretching rubber bands around a shoebox with a hole cut in the lid. She is using rubber bands of different thicknesses and lengths as her “strings” because each will make a sound of a different pitch.

What causes the different sized rubber bands to make different sounds? Explain what the rubber bands will do differently when plucked, and how that will cause our ears to hear each of them differently.



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**Science IDEAS Writing Prompt: Energy, Tab 6: Sound, Expository**

READ  
INQUIRE  
EXPLAIN

Sean shouted, “Hurry up!” to Peter who was walking a few feet behind him. Explain how the sound traveled from Sean to Peter.

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**Science IDEAS Writing Prompt: Energy, Tab 6: Sound, Narrative**



Your friend Johnny is deaf. Write a letter to him explaining sound. Remember to tell him how sound is produced, how it travels, and about pitch, amplitude, and frequency.

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**Science IDEAS Writing Prompt: Energy, Tab 6: Sound, Narrative**



Write a story about you and some friends creating your own band. You don't have any instruments, or any money to buy instruments. Explain how you could make your own instruments out of things you can find in your house. Be sure to include details about how your invented instruments create sounds with different pitches.

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