**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**Quick Lab: Hear That Energy!**

**Materials:** Tin can, pencil with eraser, rubber band, wax paper

**Procedure:**

1. Make a simple drum by covering the open end of an empty coffee can with wax paper. Secure the wax paper with a rubber band.
2. Using the eraser end of pencil, tap lightly on the wax paper.

Describe how the paper responds. What do you hear?

1. Repeat step 2, but tap the paper a bit harder. Compare your results with those of step 2.

Describe how the paper responds. What do you hear?

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1. Cover half of the wax paper with one hand. Now, tap the paper.

What happened?

How can you describe sound energy as a form of mechanical energy?

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