

# Does a Rubber Band Have Energy?

Follow the directions on C24 to conduct this lab activity.

## Share Your Results:

1. Did your can roll back to you? \_\_\_\_\_

Ask three other groups if their cans rolled back to them.

Record their answers: \_\_\_\_\_

2. Does this activity work better if you roll the can gently or forcefully? \_\_\_\_\_

3. Does this activity work better on a rough surface or a smooth surface? \_\_\_\_\_

## Draw Conclusions:

1. How does the can get the energy to roll backward? (If you don't know, roll the can and stop it before it can roll back. Then open the can and look at the rubber band. What has happened to it?)

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2. This activity shows energy of motion changing to stored energy and then to energy of motion. Describe what happens.

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## Apply What You Know:

How else could you use the stored energy of a rubber band to make something move? Write at least two ideas here. Use complete sentences!

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