

# Runaway Train!

## Post-Activity Worksheet

*Instructions: Read the questions and write your answer in the space below or circle the letter for multiple choice questions. Pick only one answer for multiple choice questions.*

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1. What is the force that pulls objects toward the earth called?
  - a. Electricity
  - b. Magnetism
  - c. Gravity
  
2. Velocity is the speed and \_\_\_\_\_ of an object in motion.
  - a. Direction
  - b. Mass
  - c. Weight
  
3. Speed is expressed by units of LENGTH (Ex: meters, feet) divided by \_\_\_\_\_.
  - a. MASS (grams)
  - b. TIME (second)
  - c. LENGTH (meters, feet)
  
4. As a car rolls down a hill, which of the following is true?
  - a. Both its potential energy and kinetic energy decrease.
  - b. Both its potential energy and kinetic energy increase.
  - c. Its potential energy decreases and its kinetic energy increases.
  - d. Its potential energy increases and its kinetic energy decreases.

What gets you excited about science or math?

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Do you think robotics can be helpful when used to collect data in science experiments?

- a. No
- b. Yes
- c. Unsure

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

If you were given the chance to create a science lesson which method would you use:

- a. research on the internet
- b. watch a movie
- c. read textbook
- d. conduct hands- on activity
- e. lecture

What did you like or dislike about the lesson?

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What did you like or dislike about the robotic device?

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Rate this lesson using the following:

- a. strongly disliked;
- b. disliked;
- c. liked;
- d. strongly liked

Do you think the use robotics to collect data:

- a. made the lesson easier;
- b. made the lesson harder;
- c. made no difference in the lesson