

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.

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.

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?

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?

What did you like or dislike about the robotic device?

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