Runaway Train!

Post-Activity Worksheet KEY

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?

_____

_____

_____

Do you think robotics can be helpful when used to collect data in science experiments?
> a. No
> b. Yes
> c. Unsure

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