

Name: _____

School: _____

Grade: 8

Subject: Robotics

Pre Assessment Survey

Content

1. What is a force? I don't know **X** 1. Incorrect response:
The student did not give any answer.
2. What is velocity? I don't know **X** 2. Incorrect response:
The student did not give any answer.
3. What is acceleration? I don't know **X** 3. Incorrect response:
The student did not give any answer.

Evaluation

1. What gets you excited about science?
I don't know
2. If you were given the chance to create this lesson which method would you use (select all that apply):
 - a. Lecture
 - b. Textbook reading
 - ☒ c. Movie
 - d. Hands- on activity
 - e. Researching on the internet
3. Do you think Robotics can be helpful when used to collect data in science experiments?
 - a. Yes
 - b. No
 - ☒ c. Unsure

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The student's name was blurred to ensure privacy.

Post Assessment Survey

Content

1. Correct response:

The student described a force as the basic push and pull of objects/bodies..

1. What is a force?

Push and Pull ~~force~~ of a object

2. What is velocity?

2. Correct response: The student correctly included rate, position, and time when describing velocity.

The rate of change of position with respect of

3. What is acceleration?

The rate of change of velocity with respect of

3. Correct response: The student used correct terminology in describing acceleration.

Evaluation

1. What gets you excited about science?

I don't know

2. If you were given the chance to create this lesson which method would you use (select all that apply):

- a. Lecture
- b. Textbook reading
- ☒ c. Movie
- d. Hands- on activity
- e. Researching on the internet

3. Do you think Robotics can be helpful when used to collect data in science experiments?

- ☒ a. Yes
- b. No
- c. Unsure

4. What did you like / dislike about the lesson?

I like how it's fun

5. What did you like /dislike about the Robotics device?

I like how it's new

6. Please rate this lesson using the following:

- a. Strongly disliked
- b. Disliked
- ☒ c. Liked
- d. Strongly liked

7. 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