

Name: _____ Date: _____ Class: _____

Pre-Activity Evaluation

- List all of the units that you know and can think of.
- Robots are useful in conducting scientific investigations.** (circle one)
I strongly agree I agree I am neutral I disagree I strongly disagree
- I have fun while I am learning in school.**
I strongly agree I agree I am neutral I disagree I strongly disagree
- I know how to measure distance traveled and time elapsed to determine an object's speed.**
I strongly agree I agree I am neutral I disagree I strongly disagree
- I can identify the units used to measure speed, time and distance.**
I strongly agree I agree I am neutral I disagree I strongly disagree
- I would like to use robots in science and mathematics lessons.**
I strongly agree I agree I am neutral I disagree I strongly disagree
- If a ball travels 20 cm in a straight line in 5 seconds, what is the ball's speed?** (circle one answer)
 - 20 centimeters/second
 - 4 centimeters/second
 - 4 meters/second
 - 1 centimeter/second
 - 5 seconds
- What is the equation to determine the speed of an object?**
- If a red car travels at 10 m/s and a blue car travels 15 meters in 3 seconds, which car is traveling faster? Why is it faster? How do you know? What are the units? Are they the same?**
- What two measurements do we need to know about an object's journey to determine its speed?**
Distance and time
- Which of the following is a unit of speed?** (circle one answer)
 - meters/kilogram
 - centimeters
 - meters/minute
 - centimeters/meter
 - seconds