

## **STEMscopes Lesson 12: Experimenting with Forces Study Guide**

For each of the questions, think about and talk the answer out with your parent or a friend. The key point of this study guide is to familiarize yourself with the vocabulary and how the science concepts interact with one another. Completing this study guide does NOT guarantee an A on the test! You must still take your time and use great test-taking strategies to answer to your best ability. You should also be using the graded Science Mini Assessments to review. I will NOT be going over this study guide in class and it is NOT required to be completed in writing. You can talk it out with your parent if you choose!

1. What are two things we measure to determine speed? \_\_\_\_\_

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2. How can you tell an object is in motion? \_\_\_\_\_

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3. You are on the monorail at Disney World. Other than looking at the speedometer, what two things do you need to know to calculate the speed you are traveling? \_\_\_\_\_

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4. When an object is in motion, what changes? \_\_\_\_\_

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5. Our class and Ms.Compeau's class both leave PE, take the same route, go back to our building, and stop at the mat outside the building's door. How can you tell who moved faster?

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