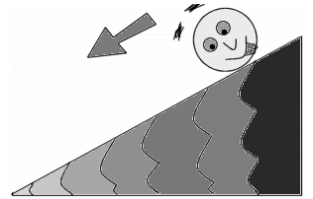




Force & Motion

Name \_\_\_\_\_

# Exploring Motion



## Part 1

### Procedure:

1. Play with the wind-up toy you have been given.
2. Record your observations of the motion/movement below:

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3. Was this an example of descriptive or experimental research? Explain your answer.

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## Part 2

### Materials:

2 marbles of different sizes

Ruler

Wood block

**Procedure:**

1. Using the ruler and block, investigate the motion of the marbles.
2. Record your observations below:

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3. What do we call the parts of an experiment that can be changed?
4. What do we call the parts of an experiment that a scientist chooses to change?
5. What could you, the scientist, change in this investigation?
6. Give an example of how a change in one part of this investigation caused a change in another part of the investigation.
7. What were some of the changes you made in this investigation?
8. What were some of the changes you observed in this investigation?