

# Force and Motion Mission

Grade 3 | Science | Skill: Classify pushes, pulls, and motion changes

Directions: Label each action PUSH or PULL. Then explain how force changes an object's motion.

## 1 Push or pull?

1. Closing a drawer

PUSH

PULL

2. Opening a wagon handle

PUSH

PULL

3. Kicking a soccer ball

PUSH

PULL

4. Tugging a rope

PUSH

PULL

5. Moving a shopping cart

PUSH

PULL

6. Lifting a bucket by its handle

PUSH

PULL

## 2 Predict the motion change

1. A rolling ball is pushed in the same direction. It will likely \_\_\_\_\_.

\_\_\_\_\_

2. A moving toy car hits a block. It will likely \_\_\_\_\_.

\_\_\_\_\_

3. A ball is pushed from the side. Its direction will \_\_\_\_\_.

\_\_\_\_\_

## 3 Explain

A force can change motion by

Scientists notice how forces change motion!