

Lesson 1: What makes things move?

Vocabulary

force a push or pull that makes objects move

gravity a force that pulls things toward the ground

Using Force

The children use **force** to move their sled to the top of the hill.

Force is a push or a pull that may make something move.

What will happen if the children let go of the sled?

The sled will go down the hill.

Gravity is a force that pulls things toward the ground.

Look at the picture on page 248 of your book.

The girl uses a lot of force to move the heavy snow.

What will happen if the girl drops the shovel?

The shovel will fall because gravity will pull it to the ground.

Name _____

Lesson 1 Checkpoint

1. What is gravity?

Copy the sentence that tells what gravity is.

Draw a box around a sentence that gives an example of what gravity does to something.

Name _____

Think, Read, Learn

What is speed?

Before You Read Lesson 2

Read each sentence. Do you think it is true? Do you think it is not true? Circle the word or words after each sentence that tell what you think.

- | | | |
|---|------|----------|
| 1. Speed is how far away something moves. | True | Not True |
| 2. Force can change the way things move. | True | Not True |
| 3. Less force causes less speed. | True | Not True |

After You Read Lesson 2

Read each sentence again. Circle the word or words after each sentence that tell what you think now. Did you change any answers? Put an **X** by each answer that you changed.

- | | | |
|---|------|----------|
| 1. Speed is how far away something moves. | True | Not True |
| 2. Force can change the way things move. | True | Not True |
| 3. Less force causes less speed. | True | Not True |



Home Activity: Together talk about your child's answers. Have your child explain why his or her answers may have changed after reading the lesson.

Name _____

Lesson 2: What is speed?

Vocabulary

speed how quickly or slowly something moves

The child pushes the car with a lot of force.

The car moves quickly.

It has a lot of speed.

Speed is how quickly or slowly something moves.

The car has a lot of speed because the child hit the car with a lot of force.

What happens when the child does not push the car hard?

The car will move at a slower speed.

When the child pushes the car with less force, the car does not move as far.


Name _____

Lesson 2 Checkpoint

1. What is speed?

Copy the sentence that tells what speed is.

Draw a box around a sentence that tells what happens after the child pushes the car.

2.  **Cause and Effect** What causes the car to have a lot of speed?

The child pushes the car with a lot of _____.

The car has a lot of _____ and moves quickly.

Name _____

Think, Read, Learn

How do things move?

Before You Read Lesson 3

Read each sentence. Do you think it is true? Do you think it is not true? Circle the word or words after each sentence that tell what you think.

- | | | |
|---|------|----------|
| 1. A ball can only move in a straight line. | True | Not True |
| 2. A car can move around curves. | True | Not True |
| 3. A block in the middle is between two other blocks. | True | Not True |

After You Read Lesson 3

Read each sentence again. Circle the word or words after each sentence that tell what you think now. Did you change any answers? Put an **X** by each answer that you changed.

- | | | |
|---|------|----------|
| 1. A ball can only move in a straight line. | True | Not True |
| 2. A car can move around curves. | True | Not True |
| 3. A block in the middle is between two other blocks. | True | Not True |



Home Activity: Together talk about your child's answers. Have your child explain why his or her answers may have changed after reading the lesson.

Name _____

Lesson 3: How do things move?

Things can move up and down.

Things can move left and right.

Things can move in a straight line or around a curve.

How does the marble move?

First the marble rolls straight down the orange bar.

Then it zigzags down the other bars.

Look at the shiny balls.

The balls move back and forth.

Look at the cars on the track.

The cars follow the tracks.

First the cars move around one curve.

Then the cars go straight.

The cars go around and around the track.

Different Places

Look at the block tower on page 254.

The block on the bottom is blue.

The block on the top is blue.

The blocks in the middle are green, red, orange, and yellow.

Find the block next to the tower.

What color is the block?

What happens if you take out the bottom block?

Name _____

Lesson 3 Checkpoint

1. What are some ways things can move?

Things can move _____

and _____.

Things can move _____

and _____.

Things can move in a _____.

Some things can move around a _____.

2. Write three sentences. Tell what is above you, below you, and next to you.

_____ is above me.

_____ is below me.

_____ is next to me.

Name _____

Think, Read, Learn

What makes things move?

Before You Read Lesson 1

Read each sentence. Do you think it is true? Do you think it is not true? Circle the word or words after each sentence that tell what you think.

- | | | |
|--|------|----------|
| 1. Force makes things move. | True | Not True |
| 2. Gravity makes things go up
in the air. | True | Not True |
| 3. We can use a little or a lot of force. | True | Not True |

After You Read Lesson 1

Read each sentence again. Circle the word or words after each sentence that tell what you think now. Did you change any answers? Put an **X** by each answer that you changed.

- | | | |
|--|------|----------|
| 1. Force makes things move. | True | Not True |
| 2. Gravity makes things go up
in the air. | True | Not True |
| 3. We can use a little or a lot of force. | True | Not True |



Home Activity: Together talk about your child's answers. Have your child explain why his or her answers may have changed after reading the lesson.