



Essential Question

# What Is Gravity?



## Engage Your Brain

Find the answer to the question in the lesson.

What is pulling the diver down?

---



## Active Reading

### Lesson Vocabulary

- 1 Preview the lesson.
  - 2 Write the vocabulary term here.
-



**What Goes  
Up**

**Must Come  
Down**

Look at the boy jumping. Soon he will come back down to the ground. Why doesn't he float away? It is because of gravity. **Gravity** pulls things down to Earth.

### **Active Reading**

Clue words can help you find a cause. **Because** is a clue word. Draw a box around **because**.

Gravity pulls things down unless something holds them up. The bed holds one girl up off the floor. Gravity pulls the bear down without touching it.



► Where will the teddy bear go? Draw an arrow to show its path.

# Sports Fun

Did you know that you use gravity to play sports? You push against gravity every time you move your body or throw something. Pushing against gravity is hard to do.



Soon gravity will pull the ball back down.

The girl pushes against gravity as she throws the ball.

# Sum It Up >>

## 1 Think About It!

Look at the first picture. What happens next? Draw to show where the boy goes.



## 2 Write It!

Look at the boy you drew above. What holds him off the ground?

---

What pulls the boy down?

---



Name \_\_\_\_\_

## Vocabulary Review

Use these words to fill in the blanks.  
Then find each word in the puzzle.

gravity

pull

up

down

fall

1 If you drop a ball,  
it falls \_\_\_\_\_.

p u l l r g u

b e f e r g p

2 A chair holds you  
\_\_\_\_\_ off the  
ground.

g r a v i t y

y e l e d g j

o m l t o z v

3 You push against  
\_\_\_\_\_ when  
you lift a ball.

k f u b w w r

g n y i n d a

4 A book will  
\_\_\_\_\_ if  
nothing holds it up.

5 Gravity can  
\_\_\_\_\_ things  
to Earth.



# Apply Concepts

Fill in the web with facts about gravity.

down

Earth

holds

push

Gravity pulls things  
down to \_\_\_\_\_ .

You \_\_\_\_\_  
against gravity  
when you jump.

gravity

An object falls  
unless something  
\_\_\_\_\_ it up.

Gravity pulls objects  
\_\_\_\_\_ without  
touching them.

Take It  
Home

Family Members: Have your child name his or her favorite sport and explain how he or she pushes against gravity to play it.