

Gravity Introduction

READ ALOUD PASSAGE

Gravity is a pulling force. It pulls things toward each other. Earth is very large, and its gravity pulls everything toward the center of the planet. That is why when you drop something, it falls down. It is being pulled toward Earth's center.

Gravity pulls on everything, big or small. A tiny pebble and a huge boulder are both pulled toward the center of Earth. When you jump, gravity pulls you back down. When you throw a ball up, gravity curves its path and brings it back to the ground.

Gravity works the same way all around Earth. People who live in Australia are on the other side of the globe from us, but they do not fall off. Gravity pulls them toward the center of Earth too, just from a different direction. "Down" always means toward the center of Earth, no matter where you are standing.

Everything on Earth is affected by gravity!

Activity 1: Word Builder

Answer each question with your own words.

1. List four nouns that gravity pulls on.

1. _____

2. _____

3. _____

4. _____

2. Gravity pulls things down. List three verbs that tell how something can come down.

1. _____

2. _____

3. _____

4. _____

Activity 2: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. same / way / Earth / works / gravity / around / the / all

Activity 3: Sentence or Not?

Read each one out loud. Write S if it is a complete sentence. Write F if it is only part of a sentence. Then fix each F so it is a complete sentence.

- ☐ 1. Gravity is a pulling force.
- ☐ 2. Toward the center of Earth.
- ☐ 3. A ball falls back down.
- ☐ 4. When you jump up high.

First fragment, rewritten:

Second fragment, rewritten:

Activity 4: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. pulling / gravity / force / is / a

2. pulls / toward / things / other / it / each

3. Earth's / is / pulled / toward / it / being / center
