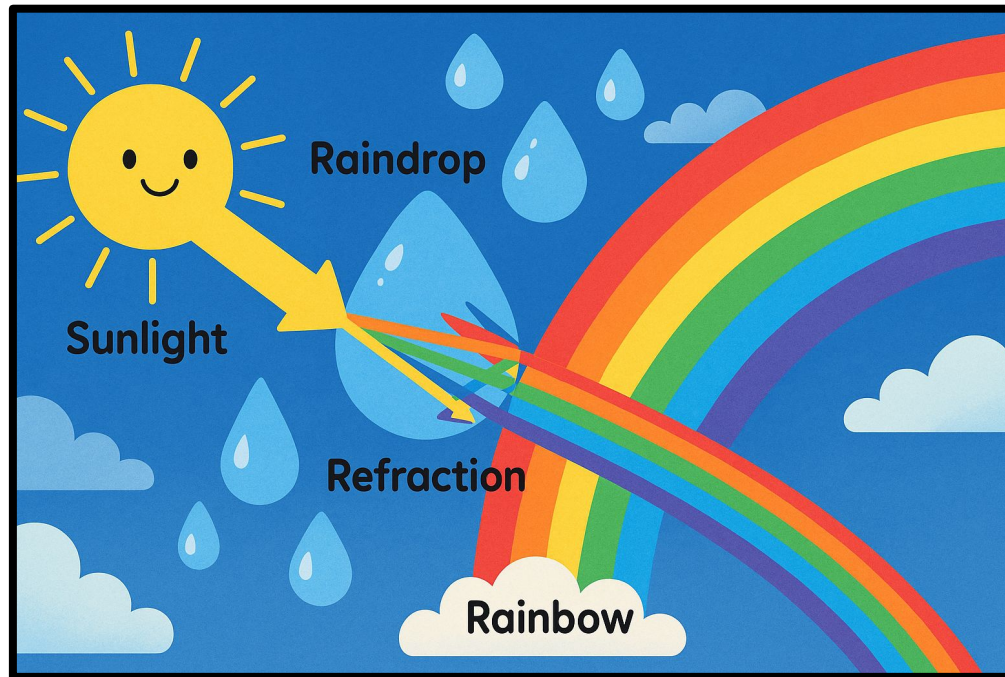


# Reading Comprehension Worksheet: Compare Pictures vs. Words

Read the short story and answer each question.



## How Do Rainbows Form?

Rainbows appear in the sky after it rains. You can see a rainbow when the sun is shining and there are water drops in the air.

The light from the sun shines through the raindrops. The water bends the light. This is called **refraction**.

When the light bends, it splits into colors. These colors make a rainbow.

Rainbows always form in the sky across from the sun. No two people ever see the exact same rainbow!



Name: \_\_\_\_\_

## How Do Rainbows Form?

1. What might the illustration show that the text describes?

- A. The sound rain makes
- B. A rainbow forming in the sky after rain
- C. A storm destroying trees
- D. A snowman melting

2. What does the text tell us that the picture might NOT show?

- A. That light bends when it hits water
- B. What a rainbow looks like
- C. That rainbows are made of candy
- D. The names of every color

3. Fill in the blank:

Rainbows form when **sunlight** shines through tiny \_\_\_\_\_ in the air.

4. What do the words teach you about how light creates a rainbow?

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5. What is something the picture could show that helps you understand this better?

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# Parent and Teacher Guide

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**Guide Reading Level:** G

**Lexile Level:** 165L-305L

**Grade Level:** 1st Grade, Middle of the Year

**Genre:** Informational Text (Earth & Weather Science)

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## Introducing the Text

"Today we're going to learn how rainbows are made. As we read, we'll think about how the **text** tells us what's happening and how the **picture** can help us picture it better. We'll look closely at what each one teaches."

**Vocabulary:** rainbow, raindrop, light, refraction, sky

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## Before Reading Discussion Questions

1. Have you ever seen a rainbow before?
  2. What do you think causes a rainbow?
  3. How do pictures help us understand science?
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## During Reading Discussion Questions

1. What causes the light to bend?
  2. What does the word "refraction" mean in this passage?
  3. What do you think the picture will show?
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## After Reading Discussion Questions

1. What does the text explain that might be hard to show in a picture?
  2. What does the picture show clearly about rainbows?
  3. Why is it important to use both the picture and the words?
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## Activity Idea

Students make a foldable with three sections: "Sun," "Raindrops," and "Rainbow." They draw each part and write one sentence using the passage to explain how it works. Then, they label what part of the rainbow process each step shows.

