Name: _____ Date: _____

How a Rainbow Is Made

Circle group

A rainbow is a bright curve in the sky. It has red, orange, yellow, green, blue, and purple.

To see a rainbow, you need sunlight. You also need drops of water in the air.

Sunlight looks white. But it has all the colors in it. When sunlight goes through a raindrop, the colors spread out. Now you can see them.

The sun must be behind you. The rain must be in front of you. Rainbows show up when the rain is ending and the sun comes out.

Questions

1. What is a rainbow?

_____

_____

2. What two things do you need for a rainbow?

_____

_____

3. What is inside sunlight?

_____

_____

4. Where is the sun when you see a rainbow?

_____

_____

5. Why do rainbows show up when rain is ending?

_____

_____

Words to know

rainbow: a curve of colors that shows up in the sky
sunlight: the light that comes from the sun
raindrop: one small drop of rain
curve: a line that bends and is not straight

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

How a Rainbow Is Made

Triangle group

A rainbow is a curve of colors in the sky. It has red, orange, yellow, green, blue, and purple.

To see a rainbow, you need two things. You need sunlight, and you need drops of water in the air.

Sunlight looks white, but it has all the colors inside. When sunlight goes through a raindrop, the colors spread apart. Then we can see each one.

The sun must be behind you. The rain must be in front of you. That is why rainbows often show up when the rain is ending and the sun comes out.

Questions

1. What is a rainbow?

_____

_____

2. What two things do you need to see a rainbow?

_____

_____

3. What does sunlight have inside it?

_____

_____

4. Where must the sun be when you look at a rainbow?

_____

_____

5. Why do rainbows often show up when the rain is ending?

_____

_____

Words to know

rainbow: a curve of colors that shows up in the sky
sunlight: the light that comes from the sun
raindrop: one small drop of rain

curve: a line that bends and is not straight

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

How a Rainbow Is Made

Square group

A rainbow is a beautiful curve of colors that stretches across the sky. It shows red, orange, yellow, green, blue, and purple.

To see a rainbow, two things must be present at the same time. There must be sunlight, and there must be drops of water floating in the air.

Sunlight looks white to our eyes, but every color is hidden inside it. When the sunlight passes through a raindrop, the colors spread apart from each other. Then we are able to see each one.

The sun must be behind you, and the rain must be in front of you. That is why rainbows so often appear as a storm of rain is ending and the sun breaks through.

Questions

1. What is a rainbow?

_____

_____

2. What two things must be present to see a rainbow?

_____

_____

3. What is hidden inside sunlight?

_____

_____

4. Where must the sun be when you look at a rainbow?

_____

_____

5. Why do rainbows so often appear as the rain is ending?

_____

_____

Words to know

rainbow: a curve of colors that shows up in the sky
sunlight: the light that comes from the sun
raindrop: one small drop of rain
curve: a line that bends and is not straight

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: How a Rainbow Is Made

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: How a Rainbow Is Made

Easier · 87 words · Flesch-Kincaid grade 1.5

1. A bright curve of colors in the sky.
2. Sunlight and drops of water in the air.
3. All the colors.
4. Behind you.
5. The sun comes out and there are still drops in the air.

Triangle: How a Rainbow Is Made

This passage · 96 words · Flesch-Kincaid grade 2.3

1. A curve of colors in the sky.
2. Sunlight and drops of water in the air.
3. All the colors.
4. Behind you.
5. The sun comes out while there are still drops of water in the air.

Square: How a Rainbow Is Made

Harder · 119 words · Flesch-Kincaid grade 4.5

1. A curve of colors that stretches across the sky.
2. Sunlight and drops of water floating in the air.
3. Every color.
4. Behind you.
5. The sun breaks through while drops of water are still in the air.