

How Rainbows are Formed

<https://www.coolkidfacts.com/rainbow-facts/>

Quick Start

- What two things would you need to create your own rainbow?
- How many colours make up a rainbow?
- When are you most likely to see a rainbow?
- How do people feel about rainbows?

Vocabulary Check

Rainbows are considered



nozzle



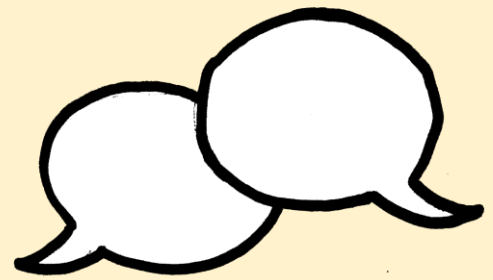
water droplets



dew

—

Partnered Talk



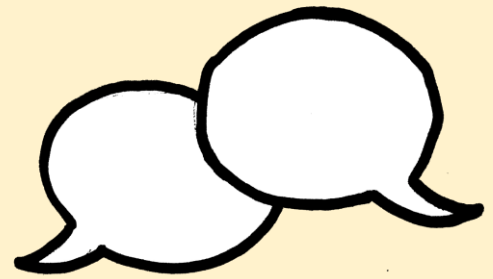
Explain why we usually see rainbows as an arch and not as a full circle.

Individual Thinking



Explain in your own words what a rainbow is and how it is formed.

Partnered Talk



Explain how you know that people have thought rainbows are very special and beautiful for a long time.

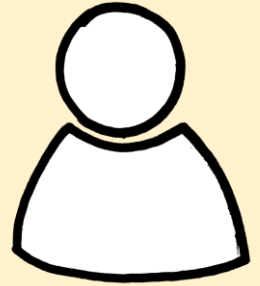
Individual Thinking



Which of the following best defines a rainbow?

- A:** Light that changes into a variety of colors depending on how the Sun hits raindrops.
- B:** A circle of white light caused by the reflection of sunlight.
- C:** A multicolored arc seen from ground level caused by light from the Sun as it reflects raindrops.
- D:** Seven colors in the sky that can be seen following after a storm while the Sun is shining.

Solo Work



Determine whether the statements are true or false:

- A rainbow contains 8 colours.
- An acronym to remember the colours of the rainbow is ROY G BIV
- You need to have the sun or some light to create a rainbow.
- A rainbow is really a circle and has no end.
- Rainbows can only be seen in rain.
- You can touch a rainbow.