

Rainbows are arcs of colors that appear in the sky as a result of reflection and refraction of sunlight in drops of rain. Refraction of sunlight means bending of sunlight. Rainbows occur when it is raining in one part of the sky and sunny in another. Isaac Newton was the scientist that explained how rainbows are created.

The colors of the rainbow are Red, Orange, Yellow, Green, Blue, Indigo and Violet. Many people use the saying ROY G BIV to remember the colors of the rainbow. ROY G BIV is the first letters of each of the colors of the rainbow in order. The colors of the rainbow always appear in the same order.

Every raindrop makes its own rainbow but it takes millions of raindrops for us to see a rainbow on Earth. Earth is the only planet that has rainbows. You can never get to the end of a rainbow because when you move the rainbow that you see is moving too. This means you cannot touch a rainbow.

1. What are rainbows?

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2. What are the colors of the rainbow?

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3. Who explained how rainbows are created?

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4. What does refraction mean?

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5. Write a two sentence summary about these rainbow facts.

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