

Rainbows



Rainbows are incredible arcs of color across the sky. They're created when raindrops bend, or refract, sunlight and separate the colors so you can see them. Genesis 9 says God put a rainbow in the cloud after the global Flood as a sign of His promise to never flood the whole earth again. These beautiful sights remind us that God's faithfulness endures forever.

- ✓ Rainbows have seven basic colors—red, orange, yellow, green, blue, indigo, and violet.
- ✓ These colors form the visible spectrum of light. There are other types of light in rainbows, like ultraviolet and infrared, that human eyes can't see.
- ✓ Since rainbows are light refractions, they look different based on where you're standing.
- ✓ For you to see a rainbow, the sun needs to be shining from behind you.



The brilliant scientist Isaac Newton believed God created the universe. He was one of the first to discover how rainbows are formed. He established that white light is actually a combination of seven colors.

Isaac Newton holding an apple and a prism

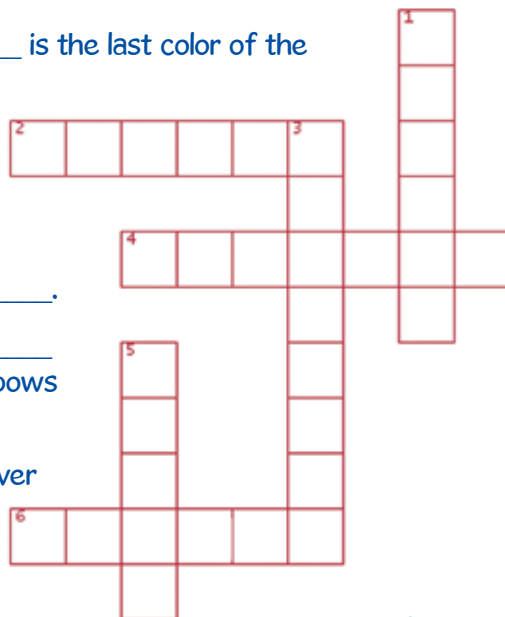
Rainbow Crossword Puzzle

Across

2. Rainbows have seven _____.
4. A _____ is a beautiful arc of color.
6. _____ is the last color of the rainbow.

Down

1. The third color of the rainbow is _____.
3. _____ and rain create rainbows in the sky.
5. God promised to never _____ the earth again.



Answers Across: 2. colors, 4. rainbow, 6. violet; Answers Down: 1. yellow, 3. sunlight, 5. flood

Isaac Newton used a prism to separate light into its colors. A prism is a see-through object with flat faces that bend, or refract, light.

Acronym Arc

Think of a silly phrase that helps you remember the colors of the rainbow. Example: "Really original yaks go breakdancing in Venice."

R _____

O _____

Y _____

G _____

B _____

I _____

V _____

“I set My rainbow in the cloud, and it shall be for the sign of the covenant between Me and the earth.” (Genesis 9:13)



Cup O' Rainbow

Supplies: one box each of red, orange, yellow, green, blue, and purple gelatin mix; 9 x 13 casserole dish; whipped cream; rainbow sprinkles; and water

1. Ask an adult to make the first color of gelatin (purple) on the stove, following the box instructions.
2. Pour the liquid into the 9 x 13 dish. Place the dish into the refrigerator and leave it until the gelatin is completely set.
3. Repeat with the other colors in rainbow order, letting them set between layers.
4. Once all the colors are in place, serve and top with a giant “cloud” of whipped cream!



Add the colors to the rainbow below.

