

Name _____

Chasing Rainbows: The Magical Creation of Colors

Open-Ended Response Answer Key

1. Answers may vary but should include simple explanations of dispersion and refraction, possibly using analogies like separating colors with a prism or bending a straw in a glass of water to demonstrate the bending of light.
2. Artists have often used rainbows as symbols of hope, promise, or beauty in their works. For example, in literature, rainbows are sometimes seen as a sign of good fortune or a brighter future, while in paintings, they are used to convey vivid and joyful imagery.
3. Rainbows evoke feelings of wonder, awe, and happiness in people. They symbolize beauty in the natural world and the fleeting moments of magic that can be found in everyday life. The vivid colors and ethereal appearance of rainbows make them universally appealing.
4. Rainbows are frequently used in advertising to represent diversity, inclusivity, and positivity. In entertainment and popular culture, rainbows are often associated with themes of hope, love, and acceptance. For instance, the rainbow flag is a widely recognized symbol of LGBTQ+ pride.

