

Rainbow Facts for Kids: Fun Science, Meaning, and Color Secrets

1. Do you know what a rainbow is?

The phenomenon in which one can see a colorful arc as a result of refraction reflection, and dispersion of sunlight through rainwater droplets, is called a rainbow.

It is actually a full circle, though it appears as an arc from the ground.

The complete circle can be seen at high altitudes, such as from an airplane.

2. Why are there seven colors in the rainbow?

The rainbow consists of seven different colors.

These colors are as a result of different wavelengths of light separated when sunlight passes through a rainwater droplet.

The colors encompassed are red, orange, yellow, green, blue, indigo, and violet.

3. Have you heard about the moonbow?

A moonbow is formed by the refraction, reflection, and dispersion of moonlight through water droplets.

It is an uncommon lunar phenomenon in which a white or faint-colored arc appears.

One can see it in the presence of mist as well as rain under clean and unpolluted air.

Cumberland Falls in Kentucky, Victoria Falls, and Hawaii are some examples

It is generally seen during the full moon

4. Do you know in which part of the sky rainbows appear?

Rainbows always form in the opposite part of the sky from the sun

5. Do you know if an individual can see two rainbows at the same time?

The phenomenon is visible in the sky when there is twice the light reflection from raindrops.

In this phenomenon, another rainbow with faint and reversed colors is visible outside the primary rainbow.

References

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