

# Vocabulary



**diffraction** the separating of light into different colors when it passes through a narrow slit

When light passes through a narrow slit, its path bends and the colors separate. The narrower the slit, the more it spreads light into its spectrum of colors.

**spectrum** all of the colors of light

White light is made up of a mixture of all colors of light. The order of colors in the spectrum of white light is red, orange, yellow, green, blue, indigo, and violet.