

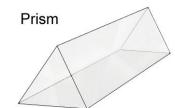
Vocabulary: Eyes and Vision 1 – Seeing Color



- Absorb to take in.
 - Light that is absorbed by an object cannot be seen.
- Cyan a green-blue color, similar to turquoise.
 - Cyan is a combination of blue and green light.
- <u>Magenta</u> a pinkish color.
 - Magenta is a combination of red and blue light.



- Primary colors a set of colors that can be mixed to produce all other colors.
 - The three primary colors of light are red, green, and blue. If all three are combined, the result is white light.
 - Paint and ink have different primary colors. Color printers use cyan, magenta, and yellow ink. Artists use red, yellow, and blue paint.
- <u>Prism</u> a solid glass or plastic object that can divide white light into a spectrum of colors.
 - Prisms often have triangle-shaped bases and rectangular sides.



- Reflect to bounce back from a surface.
 - Light that is reflected from an object can enter the eye and be seen.
- Secondary color a color produced by combining two primary colors.
 - If the primary colors are red, green, and blue, then the secondary colors are cyan, magenta, and yellow.
- Spectrum a band of colors made when white light goes through a prism.
 - The order of colors in a spectrum is red, orange, yellow, green, blue, and violet.



- Transparent allowing light to pass through.
 - Glass, some plastics, and water are transparent.

