



What is light?

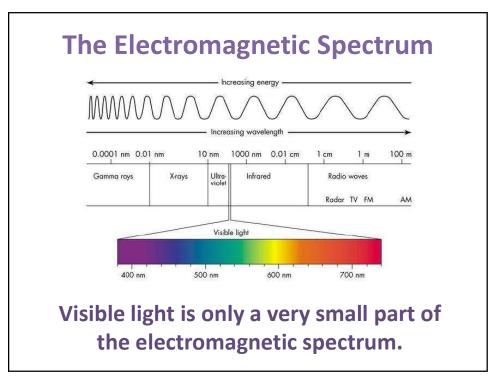
Light is made up of waves of electromagnetic energy.







It is the visible portion of the electromagnetic spectrum, or electromagnetic waves that we can see.

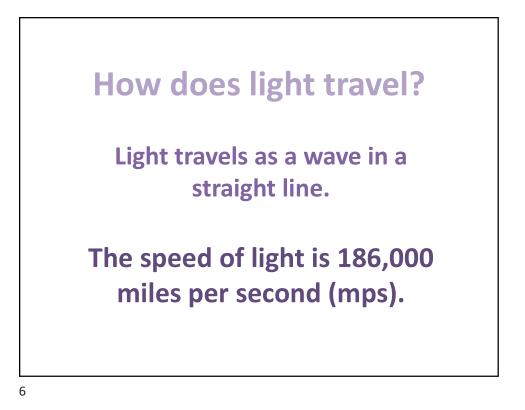


Discovery Education Video:

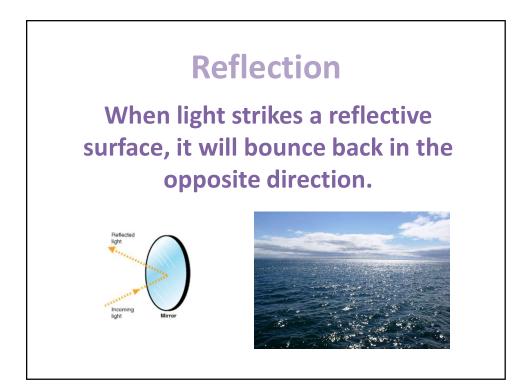
The Electromagnetic Spectrum

Light is a small part of the electromagnetic spectrum. Waves at the beginning of the spectrum have long wavelength and low frequency. Each group of waves and how they are used is discussed in some detail.





Light can be affected when it hits an object.

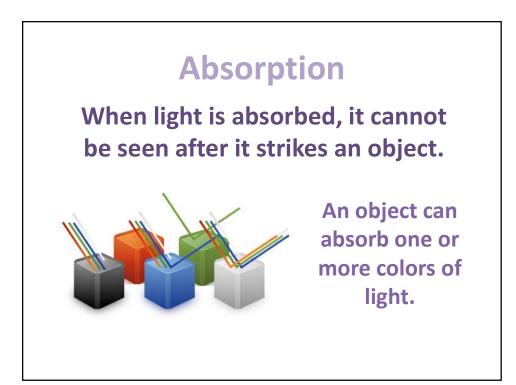


Refraction

When light refracts, the light bends as it passes through a material.







Discovery Education Video:

Light, Lenses, and Lasers

This program supports physics and physical science units on waves and their characteristic properties. It explains that light is the visible part of the electromagnetic spectrum, which consists of a variety of waves from radio waves to cosmic rays. It also explores the use of concave and convex lenses and the concepts of diffraction and polarization.

