Lenses and Light
Object Lens Projected
image

Imaqe: representation of an object: The object formed when light rays come together to focus.

1. Light travels in a straight line until it hits something
2. Light hits curved surface of a lens, it passes through, but not straight through. Lenses bend light causing it to travel in a
new direction

Types of Light:

I. Reflected Liqht: Light that bounces off when light is shined
on an object
2. Radiant Lisht: Light made by an object: light bulb, sun, fire
3. Transmitted Lisht: Light shines through an object and "lights" up the object

Projected Imaqe: Using a lens to form an image on a screen (overhead): An inverted, reversed image formed on a surface by light
passing through a convex lens.

Medium 1 Medium 2 (denser)

Normal line

the cornea.