

You need light to make a shadow.

Shadows are formed when an object blocks a path of light.

Shadows take on the shape of the object and appear on the opposite side of where the light comes from.

If you're in the shade, you cannot see your shadow.

Light transmits when it passes through a surface.

Light can transmit through a window.

Light reflects when it bounces off an object. Light can reflect on a mirror.

Objects that do not allow light to pass through are opaque. Wooden shutters are opaque.

Objects that allow light to pass through are transparent. Windows are transparent.

Objects that allow some light to pass through are translucent. Examples are frosted glass, paper, and sunglasses.