Light travels in straight lines. It travels from the light source either directly into our
eyes, or reflecting off objects at 670 million mph which is how we can see things.
Because light travels in straight lines, when it hits an object, it is blocked. It can't
bend around the object so it casts a shadow.
Light waves travel at a different
speed when they go through oth-
er transparent materials, such as
water or glass. This causes the
rays of light to change direction
and bend. This is known as re-
fraction.

