








Vocabulary learned in year 3

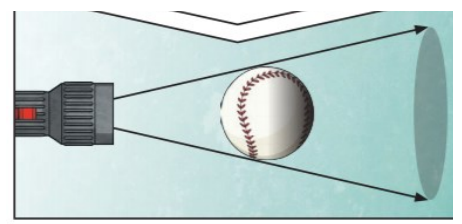
light	Light is the form of energy that makes it possible for eyes to see.
light source	Some objects are sources of light . 
dark	(scientific): Dark is the absence of light . (everyday): Very little amount of light .
absence of light	Dark . No light at all, complete darkness.
surface	The outside limit or top layer of something.
shiny	Reflecting or glowing with light
 matt	Matt surfaces are not shiny . They look dull because they are not reflective .
transparent	Light passes through. 
translucent	Some light passes through. 
opaque	Blocks all light . 
shadow	A dark shape where light doesn't shine.
reflect	Bounce off.
mirror	A surface which reflects a clear image.
sunlight	Light from the sun. 
dangerous	Something that is not safe. It is dangerous to look directly at the sun

New vocabulary	
straight line	The shortest distance between 2 points. Not curved.
light rays	Light travels in a straight line called a ray . A light ray is drawn as a straight line with an arrow to show direction..

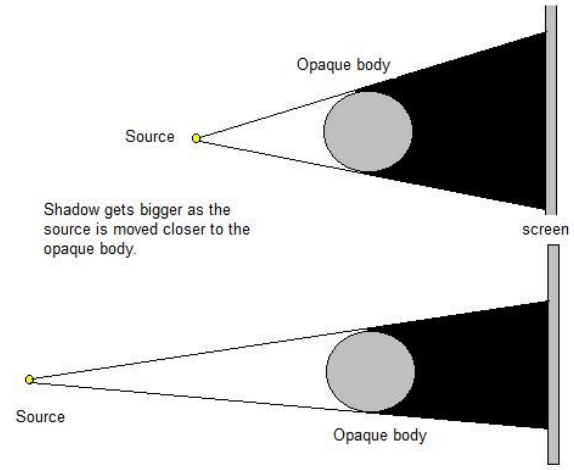
Objects that block light (are not fully transparent) will cause shadows.



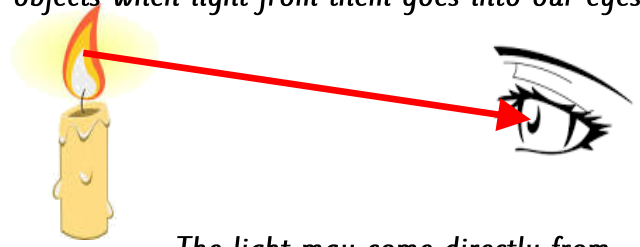
Because light travels in straight lines the shape of the shadow will be the same as the outline shape of the object.



The size of the shadow is larger when the light source and object move closer to each other as more of the light is blocked.



Light appears to travel in straight lines, and we see objects when light from them goes into our eyes.



The light may come directly from light sources, but for other objects some light must be reflected from the object into our eyes for the object to be seen.

