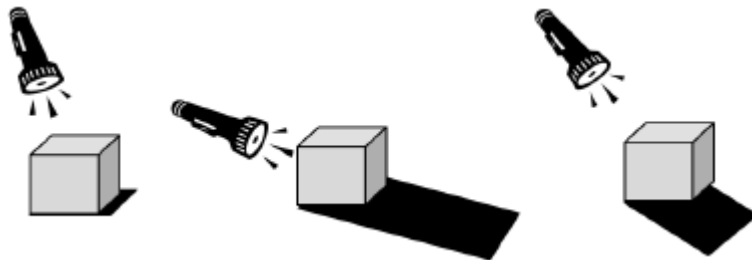
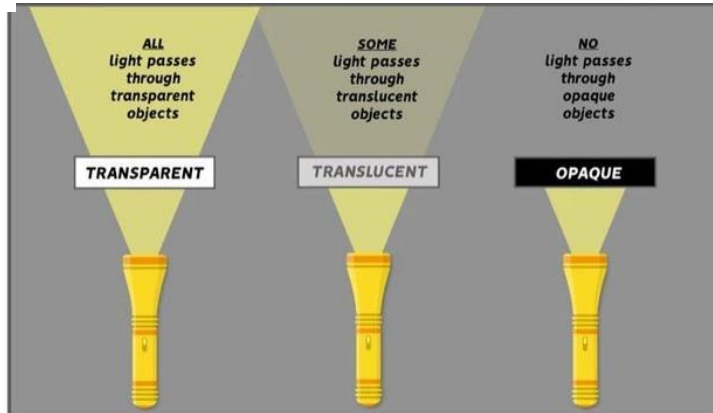


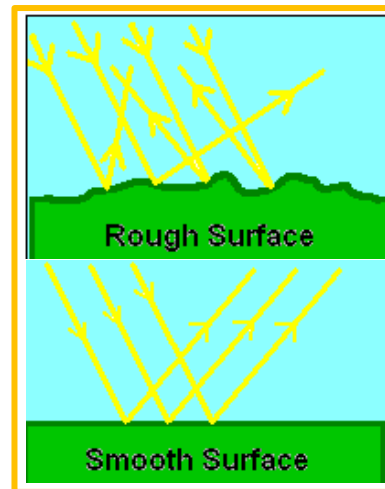


YEAR 3 - LIGHT - PROTECTIONS FROM LIGHT & SHADOWS



We can change the size of the shadow by changing the position of the light source, object or the surface where the shadow is being made.

Light travels in a straight line from the light source. When it hits an object, it is reflected (bounces off). When the reflected light hits our eyes, we can see the object.



Related vocabulary	Definition
light	We can see objects because our eyes can sense light
dark	Darkness is the absence of light
light source	Some objects emit their own light and are sources of light; sun light, bulbs, candles
transparent	A material that is completely see through so all the light can pass through
translucent	A material that lets some light through but not all of it
opaque	A material that light cannot pass through. You cannot see through it
shadow	These are formed when an object blocks light
reflect	When light bounces off a surface
mirror	A sheet of glass or metal that reflects light
sun	The sun is a star which is located at the centre of our solar system
moon	The large round object that circles the Earth and that shines at night by reflecting light from the sun
reflective surface	When light from an object is reflected by a surface, it changes direction. It bounces off the surface at the same angle as it hits it.