

<p>That light appears to travel in straight lines</p>	<p>Diagrams can help explain how light travels. Mirrors reflect light and periscopes can be used to see hidden objects</p> <div data-bbox="1576 621 1958 789"> </div> <p>Transparent object</p> <div data-bbox="1576 871 1958 1039"> </div> <p>Opaque object</p> <div data-bbox="2282 676 2620 997"> </div>
<p>Objects are seen because they give out light or reflect light. We see things because light travels from light sources to objects and then to our eyes</p>	<p>Light may come directly from a source or be reflected off another object.</p> <p>We see objects like the apple because light from the torch reflects off of the apple and enters our eyes</p> <div data-bbox="2202 1165 2769 1373"> </div>
<p>That shadows have the same shape as the objects that cast them</p>	<div data-bbox="1570 1484 2291 1701"> </div> <div data-bbox="1570 1743 2291 1875"> <div> <p>LARGE SHADOW when the toy is close to the light</p> </div> <div> <p>SMALLER SHADOW when the toy is further from the light</p> </div> <div> <p>TINY SHADOW when the toy is a long way from the light</p> </div> </div>

