



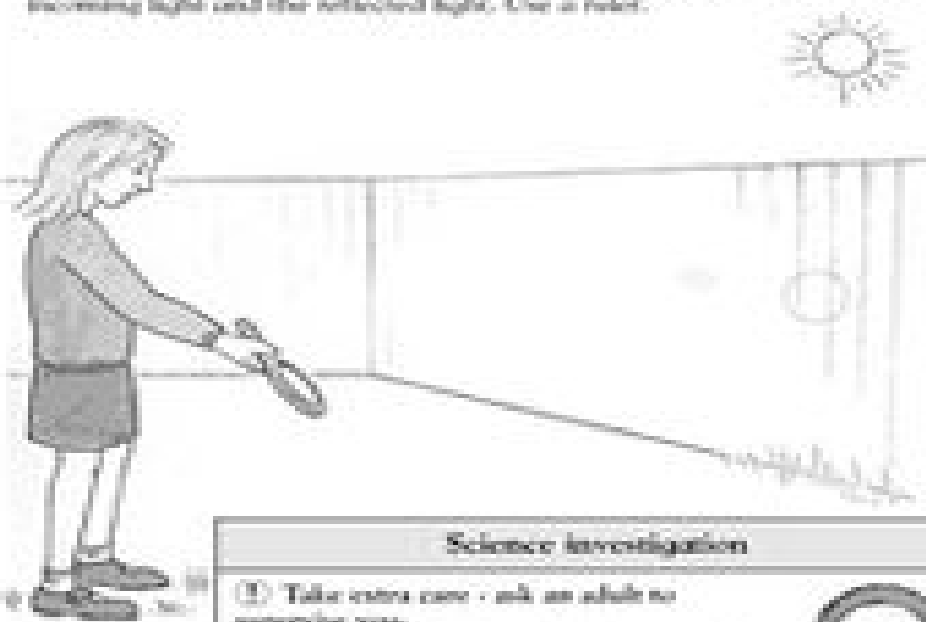
## Catch a ray of sunlight

### Background knowledge

A mirror has a very shiny surface. Light from a light source reflects off the mirror's surface. The angle at which light hits the mirror is always the same as the angle at which it reflects off of the mirror.

### Science activity

Anna used a round mirror to catch the light from the Sun and reflect it onto a fence. On the picture, draw arrows to show how the light reflects off the mirror to form a bright patch on the fence. The arrows should show the incoming light and the reflected light. Use a ruler.



### Science investigation

- ⚠ Take extra care - ask an adult to supervise you.  
Tape two small mirrors together at an angle and stand them on a table. Now place various objects in front of them. Explain all of your observations.

