



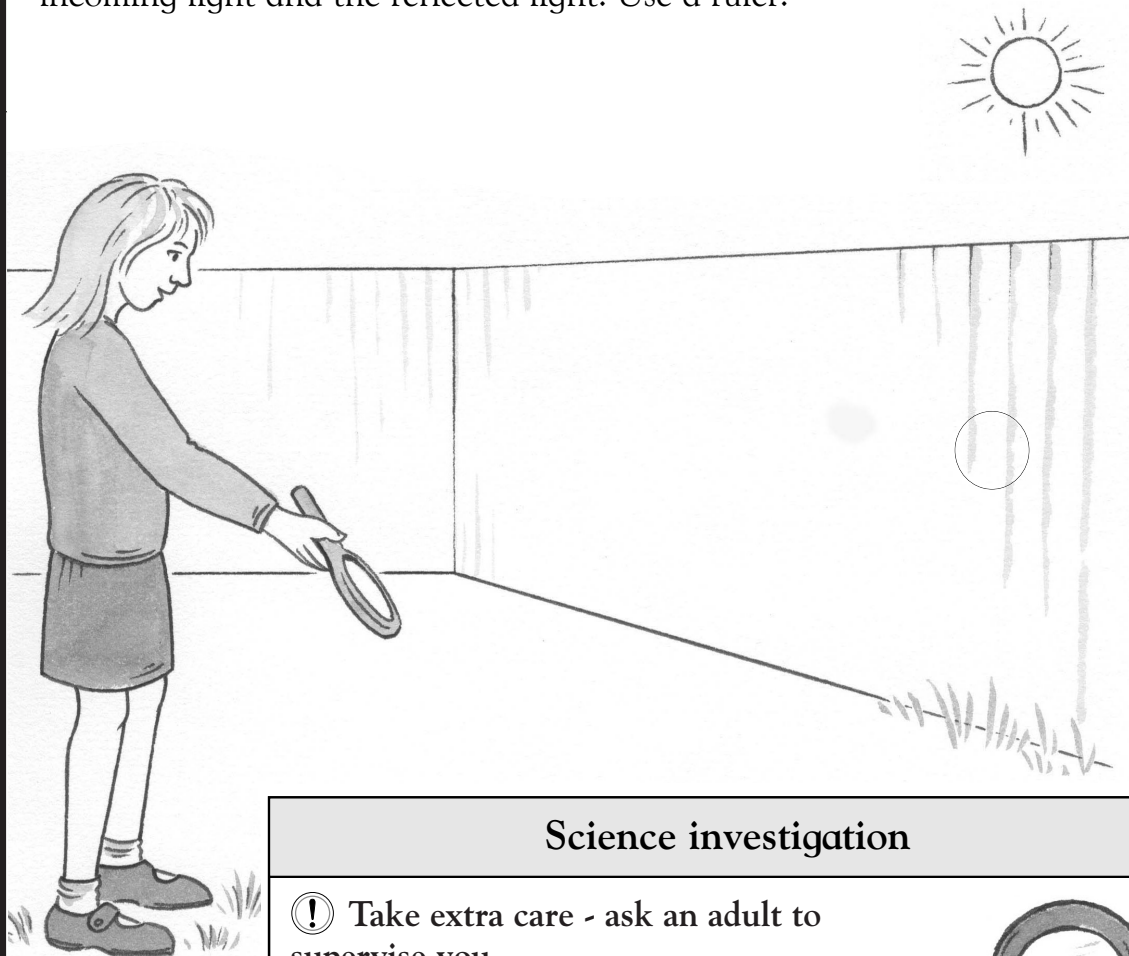
Catch a ray of sunlight

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.





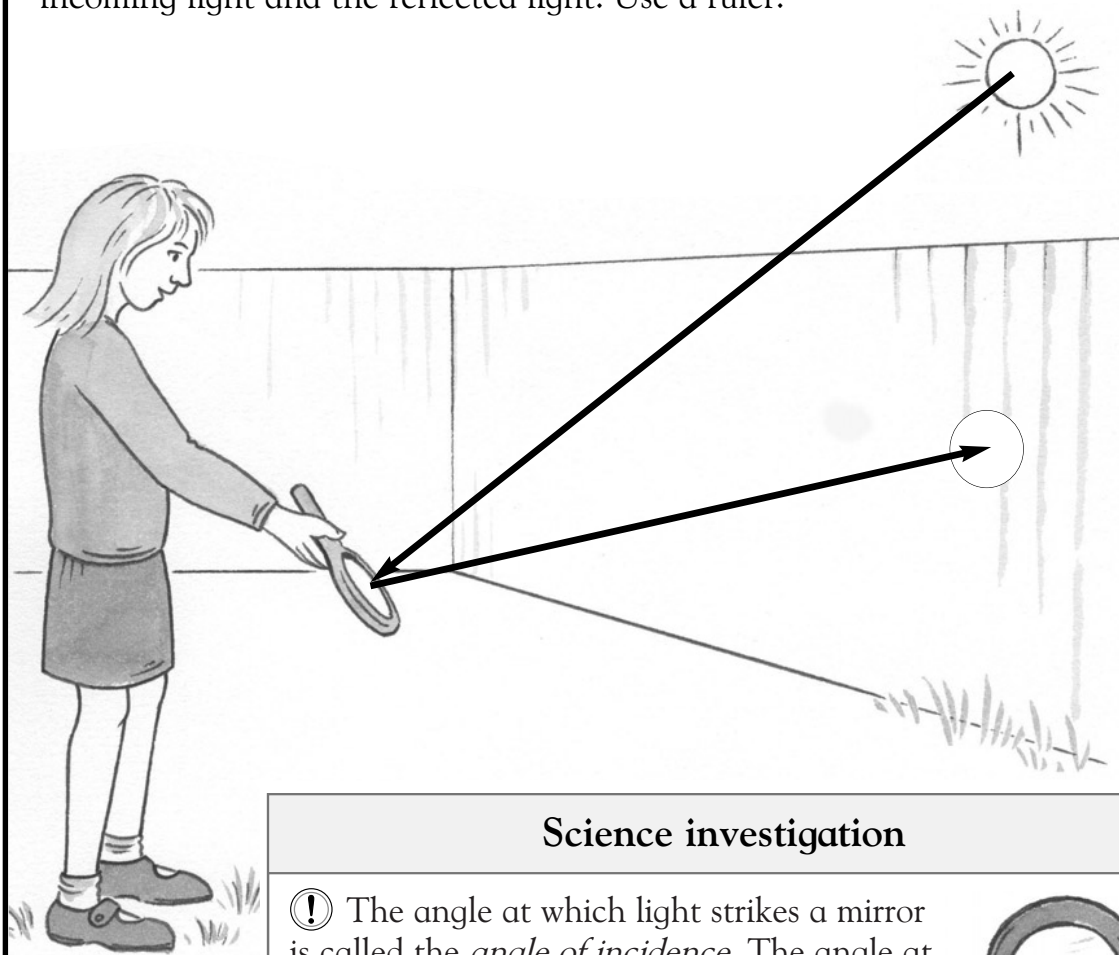
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Science investigation

ⓘ The angle at which light strikes a mirror is called the *angle of incidence*. The angle at which light is reflected is called the *angle of reflection*. The angle of incidence always equals the angle of reflection.

