

# Key Knowledge

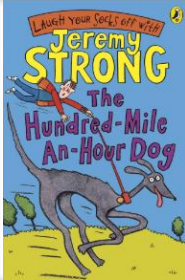
- We need light in order to see things
- Dark is the absence of light.
- Light is reflected from surfaces.
- Light from the sun can be dangerous and that there are ways to protect their eyes.
- Shadows are formed when the light from a light source is blocked by a solid object.
- There are patterns in the way that the size of shadows change.

# Key Vocabulary:

light	A source of illumination
source	Where something originates (begins)
darkness	The partial or total absence of light
reflect	To bounce back
reflective	Capable of reflecting light
mirror	A surface that reflects a clear image
beam	A ray of light
opaque	Does not allow light through
transparent	Allows light to pass through clearly
translucent	Allows some light to pass through
shadow	A dark shape where light has been blocked
block	To prevent movement through or past something
direction	A course along which something moves

## Text

The Hundred-Mile  
An-Hour Dog  
Jeremy Strong



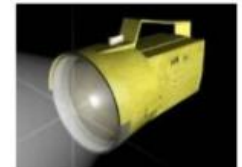
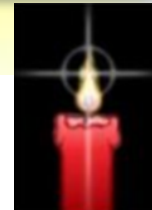
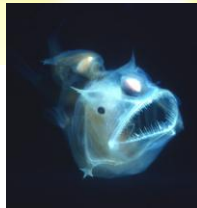
## Year 3

# OUT OF THE DARKNESS

## BIG QUESTION: IS LIGHT BETTER THAN DARK?

- Why are certain objects sources of light and others are not?
- Why is it necessary to protect ourselves from the sun?
- Why are some materials better reflectors than others?
- How could you tell what time of day it was by noting the position of the sun?
- How are shadows formed and what affects their size?

## Sources of light



## Science in a Flash: Light

by Georgia Amson-Bradshaw

Lots of interesting facts about light to support our science topic and a chance to discuss the layout of a non-fiction text.

