



Textbook

6 Light

6.1 What is light?

- 1** Candle and lightbulb.
- 2** A shadow can tell you whether the light sources are small or large and spread out.

6.2 How do we see things?

- 1** Light is emitted by objects that give out light. Light is transmitted when it passes through an object.
- 2** The Moon is non-luminous. It does not generate light, we can only see it by light from the Sun reflected off its surface.
- 3** It is harder to see dark coloured cats at night than light coloured cats because most of the light that shines on them is absorbed, so less is reflected for our eyes to detect. Light-coloured cats reflect more light and so are easier to see.



Workbook

6 Light

6.1 What is light?

- 1** Correct answers in order: straight, shadows, images, reflections, straight, travels.
- 2a** Correct answers in order: closer to, away from, closer to.

6.2 How do we see things?

- 1** Completed sentences: You cannot see through opaque materials like concrete. You can see through transparent materials like glass. Light can get through translucent materials but you cannot see through them.
- 2a** The reading is a measure of how much light is transmitted by the material.
- b** The reading is a measure of how much light the material is reflecting.
- 3a** B
- b** C
- c** A