

Scientific Questioning

Concept: Light

| Year group | Key questions | Vocabulary |
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| R | What are shadows? Do you know the difference between light and dark? | Light, dark, shadow, day, night |
| 3 | <ul style="list-style-type: none">- Can you identify the role of light in our eyesight?- What happens when light reflects from different surfaces?- Why is it important to protect our eyes from the sun and other bright lights?- What is a shadow and how is it formed and changed? | Reflective, shadow, source, surface, mirror, bend, refract, beam, shade, light |
| 6 | How does light travel? How can objects be seen? How are shadows cast? | Light source, refraction, lens, dissection, phenomena, light spectrum, opaque, translucent, transparent, reflection, |