



Science - Year 6 - Spring 2 - Light



New Science Knowledge

Things you already know

- You know that we need light in order to see
- You know that darkness is the absence of light
- You know that light reflects from some surfaces
- You know that shadows happen when light is blocked by an object
- You know that we must protect our eyes from the light from the sun

Key Vocabulary

light source	objects that gives off light
opaque	objects which light cannot pass through
transparent	objects which light passes through freely
translucent	objects through which some light passes
shadow	where light has been blocked by an opaque object
reflection	when light bounces off of a surface

- You will know that light is emitted from light sources
- You will know that light appears to travel in a straight line
- You will know that we see because light from a light source enters our eye
- You will know that we can see objects that are not light sources due to light reflecting off them and then that light entering our eyes



Skills you already have

- You can pose scientific questions relevant to a topic
- You can make and describe observations
- You can carry out simple experiments



New Science Skills

- You will use scientific diagrams and labels
- You will record results and present findings from enquiries in a variety of ways
- You will draw conclusions and suggest explanations for why we can see

