

Raging Rivers, Y3 - Science

Vocabulary

Word	Definition
light	A form of energy that travels in a wave from a source.
light source	An object that produces its own light.
dark	The absence of light.
reflect	To bounce off.
reflective	Reflects light well.
opaque	Does not let light through.
translucent	Lets some light through.
transparent	Lets light through.

Previous Knowledge

In Reception & Y1, you learnt about everyday materials and their properties. You also learnt about sunlight while you were finding out about different seasons.

Science Key Concepts

Working Scientifically	Biology - Plants	Biology - Humans	Biology - Animals	Chemistry - The 3 States of Matter	Environment
Chemistry - Changing State	Physics - Forces	Physics - Electricity & Magnetism	Physics - Waves	Physics - Weather & Space	

We need **light** to be able to see things. **Light** travels in a straight line. When **light** hits an object, it is **reflected** (bounces off). If the **reflected light** hits our eyes, we can see the object. Some surfaces and materials **reflect light** well. Other materials do not **reflect light** well. **Reflective** surfaces and materials can be very useful...

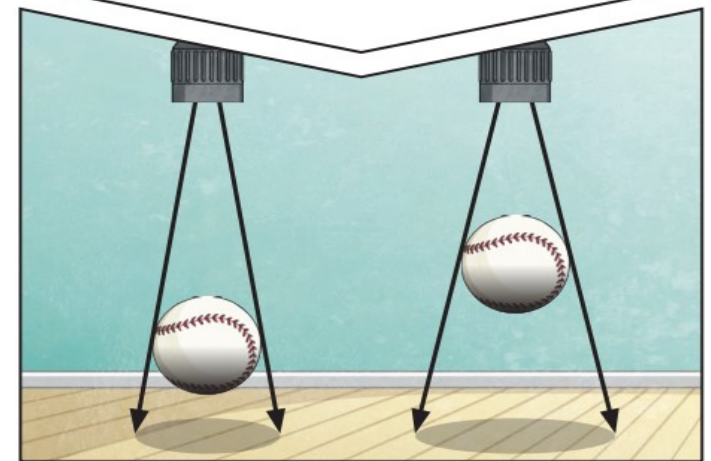


hi-vis jacket



cat's eyes

A **shadow** is caused when **light** is blocked by an **opaque** object. A **shadow** is larger when an object is closer to the **light** source. This is because it blocks more of the **light**.



Spellings: appear, experiment, forwards, straight, increase, material, separate.