

Light Quiz - Teachers Notes

Learning Objectives

1. To use vocabulary associated with forces
2. To think about forces and their properties

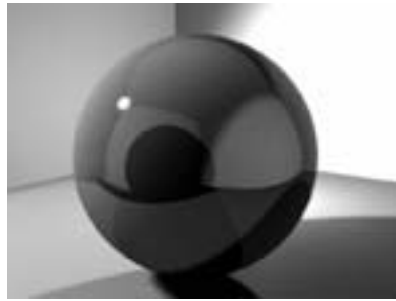
Preparation

1. Colour print this document ideally onto paper and laminate - alternatively, use thick card.
2. Cut each sheet up along the black lines to form playing cards
3. Use hoops or similar to create a Venn Diagram with sets "True", "Not True" and "Not sure".
4. The cards with red and green backgrounds are to be used by the Teacher to decide which statements are true and which are false.

Instructions

1. Children to discuss and sort each statement onto Venn diagram – true, not true, not sure.
2. Teacher or children could think of other statements to fill empty boxes.

Shiny surfaces **reflect** light well



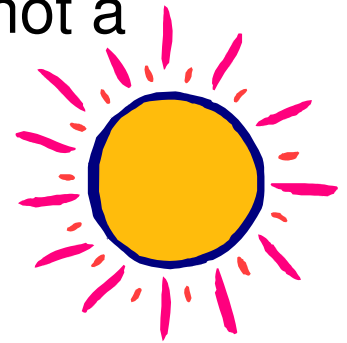
Light travels in **straight** lines



Light enters our eyes



The sun is not a **light source**



We can only **see** things when there is light



Light can travel through **transparent** materials



Shadows are formed when light is **reflected** from a surface



Shadows are the same size as the object blocking the light



Light **beams** can travel around corners



Light can make **sounds**





Lights **reflects** off a surface the same angle it hits



The nearer an object is to a **light source**, the larger the shadow

Shadows are shortest at sunrise



Shadows are the same shape as the object blocking the **light**



Fire is a source of light



Looking at the **sun** is dangerous

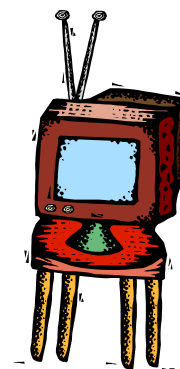


Light can travel through **translucent** materials

Polished surfaces **reflect** light better than other surfaces

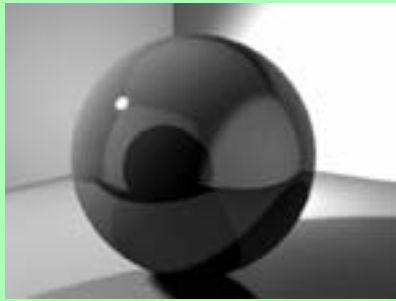


Shadows are **shortest** at sunset



A TV can produce **light**

Shiny surfaces **reflect** light well



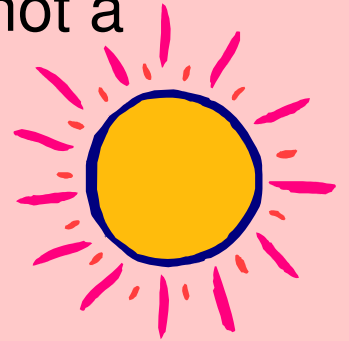
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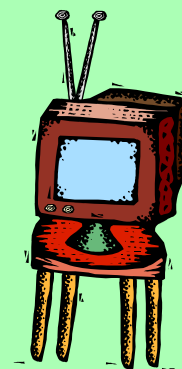


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