

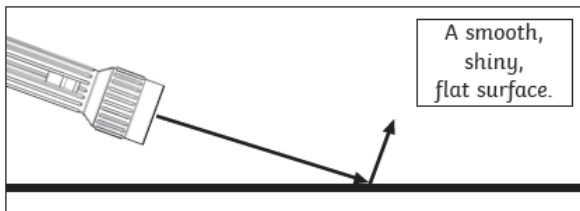
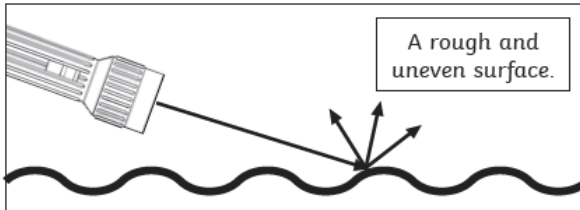
Here are the answers to this weeks questions on Light! Make sure you try your best first before looking at the answers!

Answers - Light

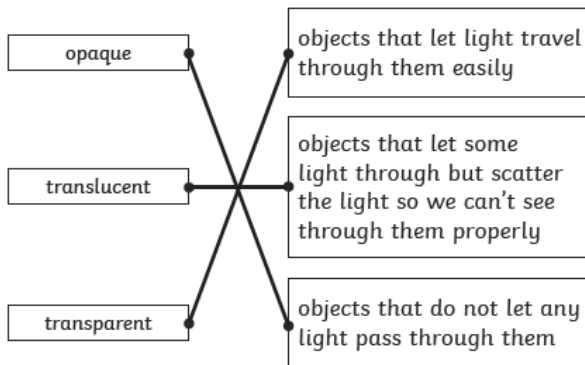
1) Write true or false next to each statement.

Light travels in zigzag lines.	True
Light travels in zigzag lines.	False
When light hits an object, it stops.	False
We see when reflected light hits our eyes.	True

2) Draw lines to show how light reflects off these two different surfaces.



6) Match the words to the correct definitions:



7) Fill in the table below with opaque, translucent and transparent objects.

Opaque	Translucent	Transparent
Example answers: Wood Metal Clothes Skin	Example answers: Sunglasses Frosted Windows Baking paper	Example answers: Windows Glass Plastic ruler

3) Fill in the table below with everyday objects that reflect well and objects that do not reflect well.

Objects that reflect well	Objects that do not reflect well
Examples: glass mirrors ice cat's eyes hi-vis jackets metal	Examples: fabric wood paper skin stone

4) Name three light sources.

Example answers:

- the sun
- a torch
- a candle
- a lamp

5) Fill in the missing words in the passage below:

The **pupils** control the amount of **light** that enters the eyes. If too much light enters, it can damage the **retina**. **Sunglasses** can be worn to **protect** the retina as they **block** some of the light from getting through.

8) Say whether each statement is true or false.

A shadow is caused when light passes through a translucent object.	False
When an object is closer to the light source, the shadow is larger.	True
The further away an object is from the light source, the smaller the shadow.	True

9) Shade the area where the girl's shadow would be in the two pictures below:

