

Year 6 Science Quiz

Light

1

Tick true or false for each statement.

	True	False
Light travels in straight lines.		
Light can bend around objects.		
The moon is a light source.		
A shadow will form if an object blocks the light's path.		

2

Join up the words below to their meanings.

opaque

translucent

transparent

lets almost all light through so
things can be seen clearly

lets no light through

lets some light through but not
very detailed shapes

3

Select the correct words from the brackets.

A shadow is bigger when an object is (closer to/further away from) a
light source. This is because the object blocks (more/less) of the light.

4

Select the correct answer to each of the following questions.

What happens to your pupils when experiencing dark then light?

Get bigger

Stay the same

Get smaller

What is the function of the lens in the eye?

Protects the
eye ball

Focuses light rays
onto the retina

Stops too much
light entering the eye

TD



Do you agree or disagree with the
statement below?
Explain your thinking.

“If you use a mirror about twice as much
light from the candle hits the book.”

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