

KS1 Science Quiz - Energy - Light Sources (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this quiz is aimed at the section dealing with light energy and sources of light.

Light is an energy. It lets us see the world around us. Which things make light? In science at school you will have found out about sources of light. Some sources are very big, like the Sun. Some are very small, like glow worms. Lots of other things don't make their own light - they just reflect light. Mirrors reflect light. The Moon reflects the light of the Sun. Let's find out a bit more about light energy.

1. Mirrors do not make their own light. Mirrors just _____ light.



- Reflect
- Replace
- Destroy
- Eat up

2. The Moon shines at night. But the Moon is not like the Sun. The Moon does not make its own light. The Moon reflects light from:



- Street lights
- House lights
- The Sun
- Glow worms

3. In the picture, it is getting dark. When it is completely dark:



- There is only a little bit of light
- There is still lots of light
- There is plenty of light
- There is no light

4. The sun makes lots of light. At night, you cannot see the sun. What can you see in the sky at night?



- The Sun
- Oceans
- Stars
- Rivers

5. Where does daylight come from?



- The Moon
- The Sun
- The stars
- Street lights

6. This is a torch. It produces light. The torch has batteries. What makes the light in a torch?



- Gas
- Wax
- Magnets
- Electricity

7. Mrs Smith is polishing her car. It is very shiny. The light is:



- Bouncing off the car
- Not touching the car
- Lifting the car up
- Weighing the car down

8. This minibeast is very unusual. It is called a glow worm. Why do you think it is called a glow worm?



- It is nice to look at
- It makes its own light
- It is very colourful
- It is a very happy minibeast

9. These candles are burning. They make heat and _____.



- Sound
- Light
- Electricity
- Ice

10. What do we use to light our homes?



- The Moon
- Wind
- Stars
- Electricity

KS1 Science Quiz - Energy - Light Sources (Answers)

1. Mirrors do not make their own light. Mirrors just _____ light.



- Reflect
- Replace
- Destroy
- Eat up

Light bounces off mirrors. Light reflects off mirrors

2. The Moon shines at night. But the Moon is not like the Sun. The Moon does not make its own light. The Moon reflects light from:



- Street lights
- House lights
- The Sun
- Glow worms

Sometimes you cannot see all of the Moon. Have you ever seen a crescent-shaped Moon?

3. In the picture, it is getting dark. When it is completely dark:



- There is only a little bit of light
- There is still lots of light
- There is plenty of light
- There is no light

If there is no light at all, then it is completely dark

4. The sun makes lots of light. At night, you cannot see the sun. What can you see in the sky at night?



- The Sun
- Oceans
- Stars
- Rivers

There are millions of stars. Stars make light. They are like the Sun, but they are a very long way away. That's why they look so small

5. Where does daylight come from?



- The Moon
- The Sun
- The stars
- Street lights

Remember, never look directly at the sun - it is very dangerous

6. This is a torch. It produces light. The torch has batteries. What makes the light in a torch?



- Gas
- Wax
- Magnets
- Electricity

The electrical energy is turned into light energy

7. Mrs Smith is polishing her car. It is very shiny. The light is:



- Bouncing off the car
- Not touching the car
- Lifting the car up
- Weighing the car down

Light bounces off shiny things

8. This minibeast is very unusual. It is called a glow worm. Why do you think it is called a glow worm?



- It is nice to look at
- It makes its own light
- It is very colourful
- It is a very happy minibeast

That's right - it glows in the dark. Fireflies also make their own light

9. These candles are burning. They make heat and _____.



- Sound
- Light
- Electricity
- Ice

Fires produce light as well as heat

10. What do we use to light our homes?



- The Moon
- Wind
- Stars
- Electricity

Not just our homes - our streets, schools and factories all use electric lights