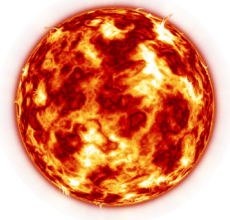


Science - Test Your Skills

Year 3 Light



1. Circle the three things below that are a source of light.



balloons



a candle



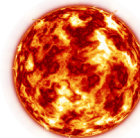
a torch



a carrot



a hat



the Sun

1 mark

2. Label the following **true** or **false**.

Light is needed for us to see.

Without light you can still see a little bit.

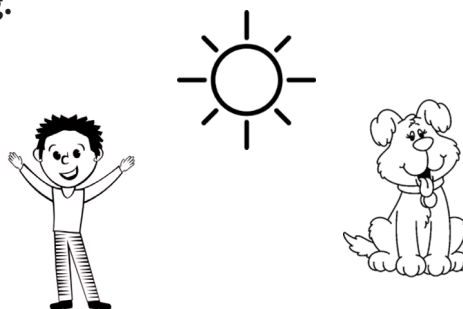
Without light you cannot see anything.

Light is needed for us to hear.

1 mark

3. Look at the picture on the right. Put a **tick** next to the sentence which describes why the man can see the dog.

- Light is reflected off the dog.
- The light is passing through the dog.
- The dog is melting in the Sun.



1 mark

4. Leo is outside on a sunny day. Why should he be careful not to look at the Sun? **Circle** the correct answer.

He might get lost

It might start to rain

The Sun may damage his eyes

1 mark

5. Choose words from the boxes below to fill the spaces:

block curved rainbow opaque straight shadow translucent

Light from a source travels in a..... line. If an
object is in the way, then it willall of the light. This
makes a

1 mark

6. Match objects to the description of the shadow:

a football

A partial, rectangular shadow

a clear, plastic ruler

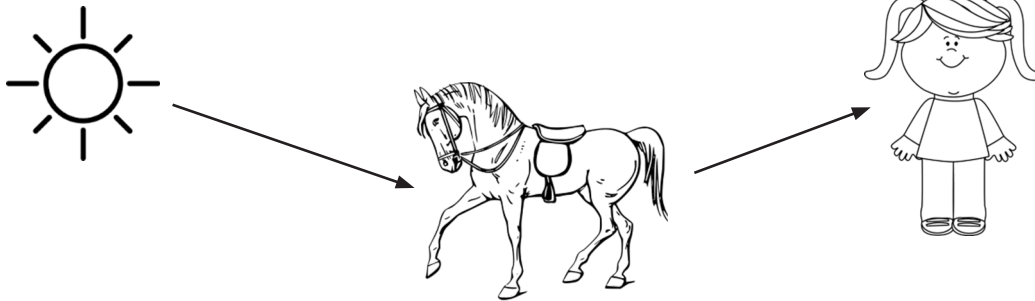
A full shadow showing 5 fingers

a hand

A full, round shadow

1 mark

7. Explain how the girl is able to see the horse.



2 marks

8. Year 3 are investigating the size of shadows. The images below show their results.



2 marks

In your own words, describe the relationship between the position of the lamp and the size of the shadow.

/10

Total