

Year 3 Home Learning

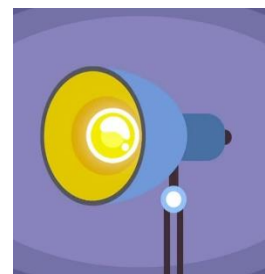
Science - Exploring Light

Fun Facts About Light - Activity 1:

Did you know that light travels at 299,792,458 metres per second? That is seriously fast! The circumference of the earth is approximately 24,000 miles. In comparison, the distance between the earth and the moon is approximately 250,000 miles. This means in just 1.3 seconds, light reflected from the moon will reach the earth! Technically the moon we see every evening is the moon 1.3 seconds ago. Mind boggling!

Explore this topic further. Find out 5-10 fascinating facts about light and write them in your exercise book. You might want to use science books you have at home or you could use the links below.

- [What is light?](#)
- Natural and Artificial [Light Sources](#)
- Seymour Science: [Light](#)
- Dr Binoc: [Light](#) (You might want to have a go at some of the activities in this one!)



Reflective Materials- Activity 2:

Reflective materials can be used for a variety of purposes. Your main task this week is to research reflective materials to explore their uses.

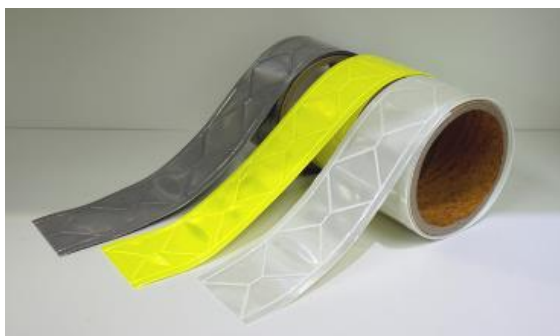
Who discovered this material?

What is it used for?

How is it made?

Where is it used?

You can present this information in any way you wish. This could be a poster, fact file or even a video for you to present your findings orally.



Extra Challenge

Look at the speech bubbles. Who do you think is right? Critically examine these statements and justify your answers. You might want to write a different statement of your own.

