

## **LC: Can I explain what light is and where it comes from?**

<https://classroom.thenational.academy/lessons/what-is-light-and-where-does-it-come-from-6rv3je>

Watch the online lesson video. The following questions will be answered during the video. Make a note of the answers either in your pink books, or save them on this document to submit to me on google classroom. There is an experiment at the end of the lesson which you can either have a go with your own objects at home if you have them or you can watch and observe what happens on the video lesson. Fill in the table on this sheet or draw your own in your pink book.

### **Light**

What is light?

What are sources of light?

Which word means something that gives off light?

### **Reflection**

How does light move?

What does light do that enables us to see different objects?

Why is the moon very bright if it is not giving off light?

### **Darkness and shadows**

What is darkness?

How is a shadow created?

What object do you think created the shadow in the picture?

## Transparent, translucent and opaque materials

Complete the sentences below.

A transparent material is one that ...

A translucent material is one that...

An opaque material is one that...

### Shadow experiment results

Object	Transparent/translucent/opaque	What do you observe?
1		
2		
3		