

LC: Can I explain how we use light?

<https://classroom.thenational.academy/lessons/what-are-some-uses-of-light-65h6ct>

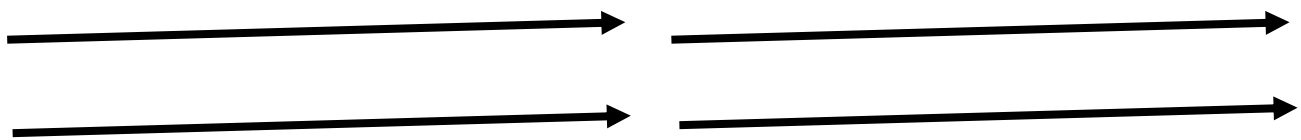
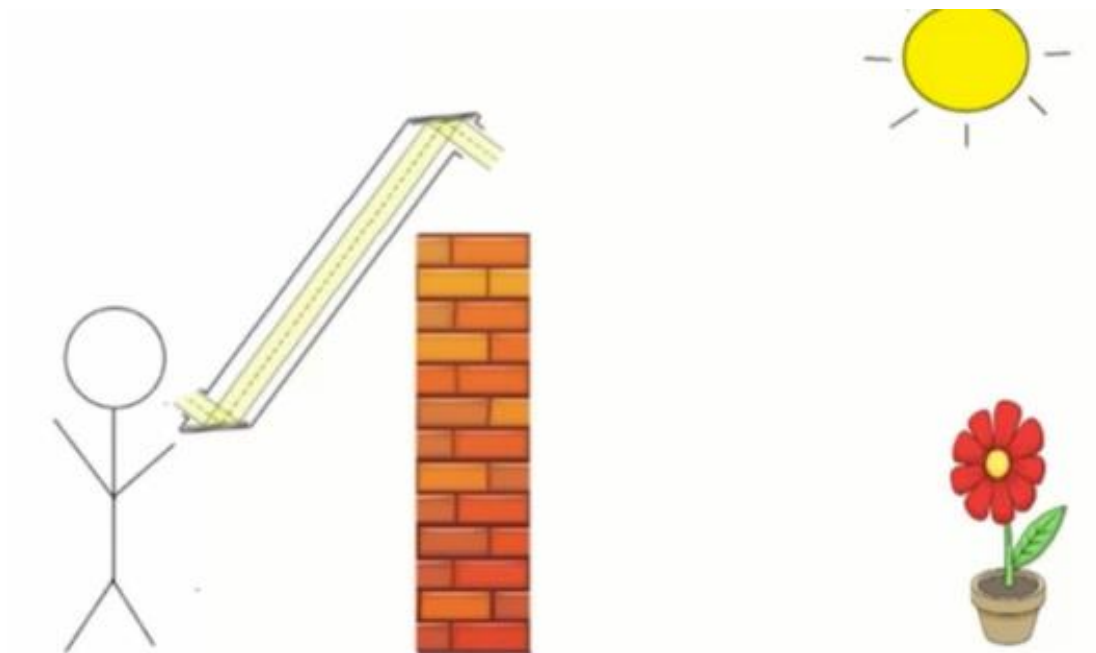
Watch the online lesson video. The following questions will be answered during the video. Make a note of the answers either in your pink books or save them on this document to submit to me on google classroom.

Activity 1: Uses of light

Make a list of as many different uses of light can you think of.

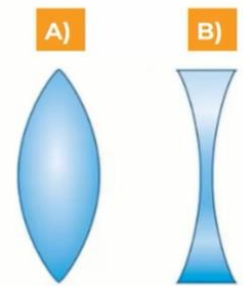
Activity 2: Periscopes

You should already have had a go at making a periscope. Remember that you can submit photos of anything that you have done through google classroom. We are now going to try to explain how it works. Either draw this diagram in your pink book, or move the arrows on this document to show what happens to the light when we use a periscope.



Activity 3: Concave and Convex

1. Is lens A or B concave?
2. Which group of people do convex lenses help?
3. Which group of people do concave lenses help?



Activity 4: Shadows

Match the hand shape to the shadow.



1	
2	
3	
4	

1

A

2

B

Extension: Shadow puppets

You do not have to make a shadow puppet theatre unless you have the materials and you want to. If you manage to create something, send me a picture. You might only want to make a puppet rather than the whole thing.