

## Year 6: Science Week 2

### Light

**LI: To understand how we need light to see things and how the eyes work**

#### **Success Criteria**

**I can navigate the internet to answer scientific questions.**

**I can use scientific vocabulary to explain how the eye works**

**I can record my work in different ways**

#### **What if.....?**

*What if we couldn't see colours? How would our lives be different?*

When are colours useful in day-to-day life? What do you know about your own eyes? Are there any times when what you see changes? (For example at night, or with sunglasses)



Look at your own eyes and your family's eyes. Dim and brighten the lights. What do you notice about your pupils? What parts can you name? What do you think each part is responsible for?

**Task 1:** Find out the definitions for these scientific terms and create your own glossary for this unit.

cornea	
iris	
pupil	
lens	
ciliary muscles	
retina	
rods and cones	
optic nerve	

## Task 2:

<https://www.youtube.com/watch?v=syaQgmxb5i0> Start at 00:50

Today you will be finding out more about how our eyes work. Once you have carefully watched this video, your task is to research the different parts of the eye and draw a detailed and labelled diagram of the human eye.

