




# Year 3

# Light

## We are learning about:

- **how light helps us see things** (recognise that we need light in order to see things and that dark is the absence of light. Notice that light travels in straight lines and is reflected from surfaces. Use the idea that light from the sun and other light sources or reflections, enters our eyes to explain how we see and represent this in simple diagrammatic form)
- **the dangers that bright light can cause** (recognise that light from the sun can be dangerous and that there are ways to protect  their eyes) 
- **how shadows are formed** (recognise that shadows are formed when the light from a light source is blocked by a solid object. Use the idea that light travels in straight lines to explain the path of light and the formation, shape and size of shadows)
- **why shadows vary in size** (find patterns in the way that the size of shadows can change) 

## We are learning to:

- **plan a fair test** (to be able to set up a simple fair test)
- **to observe and measure accurately** (to be able to make systematic and careful observations and measurements)
- **record my results** (to be able to record findings as a bar chart)
- **use my results to make predictions** (to be able to make predictions for further values based on findings)