

# What do you know? Science

## Light



Year 1
Year 2
Year 3
I know what dark is (the absence of light).
I know that light is needed in order to see.
I know that light is reflected from a surface.
I know and demonstrate how a shadow is formed.
I explore shadow size and explain the changes.
I know the danger of direct sunlight and describe how to keep protected.
Year 4
Year 5
Year 6
I know how light travels.
I know and demonstrate how we see objects.
I know why shadows have the same shape as the object that casts them.
I know how simple optical instruments work, e.g. periscope, telescope, binoculars, mirror, magnifying glass etc.