# YEAR 6

Vocabulary O

iris: the coloured part of the eye.

light ray: the path light takes.

eve.

light.

eve.

an object.

cornea: the outer clear covering over the

lens: the part of the eve that focuses the

pupil: the black hole in the centre of the coloured part (iris) that lets light into the

rainbow: occurs when sunlight hits rain,

reflection: light bouncing off the surface of

symmetry: when one shape becomes exactly like another if you flip, slide or turn

it. The simplest type of symmetry is

'reflection' (or 'mirror') symmetry.

splitting the light into its colours.



# **LIGHT AND SOUND**

## We are learning to: LIGHT O

## **WORKING SCIENTIFICALLY**

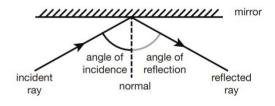
Using and developing keys to identify and classify living things and materials.		Using scientific knowledge to ask questions.	©
Recognising when to use other sources to answer questions and separating opinion from fact.	Q	Using scientific language to draw conclusions.	
Recording data, taking repeat measurements where necessary and calculating a mean.		Evaluating plans and results and suggesting improvement s.	
Accurately taking measurements using scientific equipment.	<b>©</b>	Planning different types of enquiry controlling variables where necessary.	

## PRIOR LEARNING

## **OVERVIEW**

## LET'S THINK LIKE SCIENTISTS

# **KEY KNOWLEDGE**



## REFLECTION

SCIENCE

### **SHADOW**

## **LIGHT WAVES**

#### Regular reflection Diffuse reflection incident incident reflected reflected



Nurturing Lifelong Learning