

In science we can

Identify and name the basic parts of a circuit.

Use recognised symbols when representing a simple circuit in a diagram.

Associate the brightness of a lamp with the voltage in a circuit.

Compare and give reasons for variations in how components function.

Recognise that light appears to travel in straight lines.

Understand that objects are seen because light travels from light sources to our eyes or to objects and then our eyes.

Explain why shadows have the same shape as the object that cast them.

Research shadow performances.

Explore phenomena such as rainbows.

Investigate how we can change a shadow.

Investigate whether the wires affect the brightness of a bulb.

Identify the effects of air resistance, water resistance and friction that act between moving surfaces.

Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

Explore the work of Isaac Newton.



The Oaks Primary School
Bringing Learning to Life

Project Overview

Light up your Life Y6 Summer 1

Which is the best technological invention of the last 100 years?



In computing we can

Use iMovie to create our own shadow show film clips.

Use Google to research different scientific phenomena.

Create power point presentations about light.



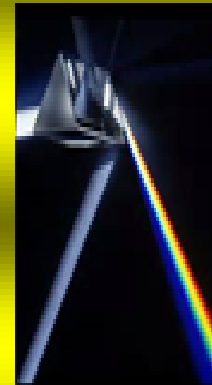
In Maths we can

Measure materials to the nearest mm.

Produce bar charts and line graphs to present results of science investigations.

In PSHE we can

Understand how to respond to unacceptable contact behaviour with peers and unhealthy relationships.



In English we can...

Write explanation texts.

Write persuasive texts.

Write discussion texts about electric/petrol powered/driverless cars.

Key Learning Skills

Enquiry, Questioning, Making connections, Researching, Evaluating, Creating new knowledge, Empathy.