

Science

Topic : Light and Electricity

How does light enable humans to see?

How are electricity and artificial light sources linked?

Explain how humans can see objects

- Recognise that light travels in straight lines
- Investigate and explain shadow shape and size
- Use recognised symbols effectively when drawing a circuit
- Make links between brightness/ volume and the amount/ voltage of cells
- Give reasons for variations in the functions of components
- Explore the links between electricity and artificial light sources

Links with DT in creating a working lighthouse

Hardship

Geography

How do countries cope with lack of sunlight?

- Describe how distribution of natural resources affects a country
- Critically evaluate responses to a geographical issue
- Ask and answer more causal questions
- Explain what a locality might be like in the future

History

Did The Blackout affect lives in WW2?

- Order significant events, movements and dates
- Describe how key events from the past influence life today
- Make links between some of the features of past societies
- Investigate own lines of enquiry

The Big Question

How does light and the absence of light affect the world around us?

Change

Light and Dark ...

Year 6

Summer Term

DISCOVER



Strength

Visit:

Dance

Linked with the class novel

- To create longer, more challenging dance phrases to communicate an idea
- To demonstrate difference dance actions with clarity
- To develop dynamic qualities of movement, use of space and relationships in a dance routine

English

Class Novel : Letters from the Lighthouse with links to Anne Frank's Diary and Rose Blanche

Did the absence of light in WW2 cause more harm than good?

- read fluently and respond critically to literature (VIPERS Strategies)
- analyse, evaluate and criticise a range of uses of language in order to draw out meaning purpose and effect
- confidently express thoughts, opinions and ideas
- write and present a range of ideas in a wide variety of written forms
- communicate ideas in writing with imagination, variety and accuracy

Reading for Pleasure Novel: The Light Jar

Adaptation

DT

Topic : Light in the world around us

How does light affect photographs?

- To explore the work various photographers
- To explore the affect lighting has on photographs
- To investigate how lighting can create interesting images
- To create a 3D photo frame using Modroc
- To develop sculpting techniques

Topic : Lighthouses in WW2

- To plan, design and build a working 3D lighthouse.
Links with the class novel and Science topic