

Geography: Maps and Fieldwork

Essentials for this subject

- To identify and describe how the physical characteristics affect the human activities within a location
- Use a wide range of sources to give a detailed description and opinion about a locality
- Recording and analysing congestion around the school
Describe and understand key aspects of:
 - Human geography (settlements, land use, economic activity including trade links, distribution of natural resources including energy, food, minerals, water supplies)
- Use 8 points of a compass, four-figure references, symbols to communicate knowledge of the wider world (Ordnance Survey symbols)

OUTCOMES

Designing and making a Controllable vehicle using DT and Science skills. Creating electrical circuits.

TRIPS / EVENTS / VISITORS / HOOKS

Hounslow Heath : map and field work
Visit by an Electrician

LINKED READING (BOOKS)

Nonfiction Science books

LINKED WRITING

Geography Persuasive writing
Science Explanation text
Instructions

YEAR: 6
TERM: Autumn
TOPIC:
Light and
Electricity

Science : Light and Electricity

Essentials for this subject

Light

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out / reflect light into the eye
 - explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them

Electricity

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram.

Art: Light, shadows and reflections

Essentials for this subject

- Combine colours, tones and tints to enhance the mood of a piece
- Give details (including own sketches) about the style of some notable artists, artisans and designers
- Create original pieces that show a range of influences and styles
 - Use of a variety of techniques to add interesting effects (e.g. reflections, shadows, direction of sunlight)
- use show life-like qualities and real-life proportions
- use a choice of techniques to depict movement, perspective, shadow and reflection

PSHE / SEAL / SRE

Essentials

Citizenship – Local Democracy/National democracy
Parliament/Government
Learning To Respect Week

SEAL

- Good to be me
- Going for Goals

Computing

Essentials

To create sounds from a file and edit them and add effects such as fade in and out and control their implementation

Religious Education

Essentials

Hinduism- How responsible are we for the environment?

- Recycling
- Respect
- Spirituality

Sikhism- Baisakhi
-Commitment

PE

Essentials

Fitness

- To use circuit activities to improve fitness levels
- To demonstrate resilience and perseverance

Games- Hockey

- To develop the skills of striking a ball with accuracy.
- To choose the most appropriate tactics to use in a game.
- To uphold the spirit of fair play and respect in all competitive
- To lead others and act as a good role model within a team.

Music

Essentials

Who knows?

- Creating sound effects
- Composing music using software for a film clip

DT

Controllable Vehicle

- Develop a range of practical skills to create products (such as cutting, gluing, filing and sanding).
- Make products through stages of prototypes, making continual refinements and use prototypes, cross-sectional diagrams
- Evaluate the design of products

Modern Foreign Languages

- *What's the time?*
- *Seasons*

Reminders / Celebrations / Projects

Collecting materials for DT project
SATs revision –ongoing homework tasks
REMINDER SATs week 1st -15th May 2015

Inset day 23rd Feb
World Book day 5th March
Comic Relief 13th March
Parents Evening 17th and 19th March
Easter

