

Geography: Are we damaging our World?

-To identify and describe how the physical characteristics affect the human activities within a location

-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)

-Plan and carry out an enquiry into sustainability in school

-Understand ways to improve the health of our planet

-Explain where minerals are found around the world

-Explain the carbon cycle

-Describe some threats to our oceans

-Understand some advantages of marine protected areas (MPAs).

YEAR: 6
TERM: Autumn
TOPIC:
Light and Electricity

OUTCOMES

TRIPS / EVENTS / VISITORS / HOOKS

LINKED READING (BOOKS)

LINKED WRITING

Descriptive writing

Electricity – Writing an Explanation

Geography- Congestion around the school (Persuasive writing)

Science fiction story setting

Books to read:

See recommended book list

Science fiction books

Non-fiction books on Light and Electricity

Science : Light and Electricity

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

-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 range of techniques to depict movement, perspective, shadow and reflection

PSHE / SEAL / SRE

Health and Wellbeing – Drugs
Relationships – Arguments and families
Strong emotions
Living in the wider world – Democracy and decisions

SEAL

Going for Goals
Good to be me

Computing

Manipulation of images for a purpose.
To use Data loggers to record information

Explore the programme Scratch – Movement and sound
Blogging and social media (DB Primary)

Religious Education

Hinduism- How responsible are we for the environment?
-Recycling
-Respect
-Spirituality

Sikhism- Baisakhi
-Commitment

PE

Games- Hockey

- To develop the skills of striking/ hitting 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.
- **Fitness**
- To use circuit activities to improve fitness levels
- To demonstrate resilience and perseverance

Music

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, drilling and screwing, nailing, 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 do you like to eat?*
 - *Leisure activities*
-

Reminders / Celebrations / Projects

Chinese New Year
Learning to Respect Week
Easter
Holi
Baisakhi
Passover
Homework out on Thursday and due in on Tuesday.
Weekly spelling tests

