

<p style="text-align: center;">Geography: How we are damaging the Planet?</p> <p>Essentials for this subject</p> <ul style="list-style-type: none"> - To understand the threats to the health of our planet and some possible solutions - To understand the importance of protecting the oceans - To understand the different types of energy available and their advantages and disadvantages -To carry out an enquiry into sustainability - To research endangered animals - To write to Theresa May about what we can do to help endangered species. <p>-Write a persuasive letter to M.P/ Mrs Haslam about road safety/ traffic pollution around our school.</p>	<p style="text-align: center;">Science : Light and Electricity</p> <p>Essentials for this subject</p> <p><u>Light</u></p> <ul style="list-style-type: none"> -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 <p style="text-align: center;"><u>Electricity</u></p> <ul style="list-style-type: none"> -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.
<p>OUTCOMES</p> <p>TRIPS / EVENTS / VISITORS / HOOKS</p> <p>LINKED READING (BOOKS)</p> <p>LINKED WRITING</p> <p>Non-fiction books on Light, Electricity and Our Planet .</p> <p>Range of news articles on plastic pollution.</p> <p>Instructional writing and experiment recording in Science</p> <p>Persuasive writing about plastics in our oceans - link to Geography</p> <p>Short story writing on the theme of scary stories and Science Fiction.</p> <p>Author visit for World Book Day</p>	<p style="text-align: center;">Art: Light, shadows and reflections</p> <p>Essentials for this subject</p> <ul style="list-style-type: none"> -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 <p>-use a choice of techniques to depict movement, perspective, shadow and reflection</p>

PSHE / SEAL / SRE

Essentials

- Citizenship
- Democracy/National Democracy
- Parliament/ Government

SEAL

- Learning to Respect

Computing

Essentials

To use formulae to calculate totals in Excel.
Creating different types of graphs using data.
Including graph in multi-media presentations.

Religious Education

Essentials

Hinduism- How responsible are we for the environment?

- Recycling
- Respect
- Spirituality

Sikhism- Baisakhi
-Commitment

PE

Essentials

Badminton:

- To develop hand-eye co-ordination and accuracy in hitting the shuttlecock
- To choose the most appropriate tactics to use in a game.
- To uphold the spirit of fair play

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

Reminders / Celebrations / Projects

SATs meeting for Parents : 15th January
INSET DAY: 25th February
World Book Day: 7th March
Comic relief: 15th March
Parents Evening: 26th and 28th March

