

Languages, Literacy and Communication

- Gather facts and information from a range of sources.
- Present my work appropriately for the task.
- Form, express and discuss my own opinions on the issue of deforestation after considering evidence and the views of others.
- Write a letter to persuade.
- Investigate and explore journalistic writing, inspired by the book 'The Whale' by Ethan & Gita Murrow.
- Write a newspaper report based on a marine creature.
- Respond to reading through comprehension tasks based on the book 'Mother Earth is Weeping' by Claire Donald.

Mathematics and Numeracy

- Complete problem solving and reasoning activities.
- Multiply and divide by the power of 10, 100, 1000.
- Use a range of multiplication tables (focusing on 7x, 9x and 11x tables)
- Understand square numbers and apply this knowledge to everyday situations.
- Understand how place value can affect the size and context of my answers
- Improper fractions and mixed numbers.
- Comparing fractions.
- Adding & subtracting fractions.
- Measure ingredients accurately to make palm oil free hand wash.

Health and Wellbeing

- Explain the way in which physical and emotional changes are connected in different contexts, and I can monitor, review and adapt my behaviour to support my physical and emotional health, setting myself relevant targets.
- Recognise the benefits of being able to focus attention on my perceptions and thoughts and know that I am developing my self-awareness.
- Self-regulate my emotions in a healthy way using strategies that I have developed.
- Reflect on the way that past events and experiences have affected my thoughts, feelings and actions.

One Planet

This term our learning across the curriculum will focus on our planet. Through one of our 5 lenses; 'Environment and Sustainability' this topic will focus on using Science and Technology to solve the challenges facing our planet.

Our big question is : Can plants save the world?



Science and Technology

Can food power a bulb?

- *Identify questions that can be investigated scientifically and suggest suitable methods of inquiry.*
- *Present findings.*
- *Suggest conclusions as a result of carrying out my inquiries & considering findings/results.*
- *Evaluate methods to suggest improvements.*
- *Engage with scientific and technological evidence to inform my own opinions.*

Expressive Arts

- Consider the need for palm oil free hand wash in class.
- Investigate methods for production of product.
- Apply a method to make a product.
- Test effectiveness of product.

Learning Experiences and or Visitors

- Litter Picking & Recycling workshop
- Viridor workshop - what happens to our general waste?
- Sunrise Project workshops
- One Planet Cardiff workshops.
- Penpal letter writing - STEM (Techniquet)
- BBC Now (Year 5).

