

Curriculum Information for the Alchemy Island

Year 5: Mrs Pointer, Miss Gadsdon and Mrs Fearns



Our topic this term is:

Alchemy Island

Alchemy Island

Key Class Information: Year 5

Main Subject Areas: Music, Computing, Geography, D and T and Science

WOW MOMENT

Year 5 to visit Davenport's Magic Kingdom.

ENGAGE PHASE

During this phase, the children will ...

- Locate islands using Atlas
- Find out about properties of materials
- Find out about accidental inventions using laptop
- Research volcanoes

DEVELOP PHASE

During this phase, the children will ...

- Draw imaginary and geographically correct islands
- List properties of materials and sort according to property.
- Record findings
- Participate in fair tests

INNOVATE PHASE

During this phase, the children will ...

- Participate in solubility and filtration fair tests
- Record experiments
- Show understanding of the water cycle and understand the 4 steps
- Construct a 3D model of an island

EXPRESS PHASE

During this phase, the children will ...

- Identifying reversible and irreversible changes
- Links between solid, liquids and gases
- Understand how water can be filtered and cleaned

English Skills

- Fantasy narrative
- Diary writing
- Figurative language
- Adverbials
- Expanded noun phrases
- Newspaper report
- Science report
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Maths Skills

- Rounding decimals
- Place value
- Equivalent fractions
- Fractions of amounts
- Linking percentages, fractions, decimals and fractions
- Interpreting negative numbers
- Solving and reasoning with negative numbers
- Recognising and converting mixed number fractions

Homework Tasks

- **Homework grid**
- **Combine art and science to make an astonishing and unique gemstone! Design and create your own gemstone.**

CELEBRATION EVENT

To send examples of the children's work to David Davenport, a local Wizard and invite him in to look at the children's work.