

Our topic this term is:

Alchemy Island


Alchemy Island

Key Class Information: Year 5

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

**Curriculum Information for Alchemy Island**

**Year 5: Mrs Fearn, Miss Johnson (5 Cherry) and Miss Gadsdon (5 Birch)**



WOW MOMENT



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

EXPRESS PHASE

During this phase, the children will...

- Identify reversible and irreversible changes
- Find links between solids, liquids and gases
- Understand how water can be filtered and cleaned

English Skills

- Fantasy narrative
- Diary writing
- Figurative language
- Drama including freeze-frame, conscience alley, role on the wall
- Adverbials
- Expanded noun phrases
- Newspaper report
- Science report

Maths Skills

- Multiplication using a formal written method
- Division using a formal written method
- Converting measurements
- Area
- Perimeter

Homework Tasks

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

CELEBRATION EVENT



Trip to Harry Potter Warner Bros Studio!