

## Creative Curriculum Theme – Alchemy Island

### Science

- Plan different scientific enquires to answer questions on materials and their properties.
- Use test results to make predictions to set up further comparisons and tests.
- Compare and group together everyday materials on the basis of their properties.
- Know that some materials will dissolve in liquid to form a solution.
- Demonstrate that dissolving, mixing and changes of state can have reversible and irreversible changes.
- Understand that some changes result in the formation of new materials.

### DT

- Generate, develop and communicate ideas through discussion, annotated sketches and diagrams to design a space rocket.
- Select from a range of materials to perform practical tasks.
- Evaluate ideas against design criteria and consider the views of others to improve work.

### Art

- Improve our mastery of art by blending colours to create mystical landscapes using water-colour paints.
- Use sketchbooks to record observations and use them to review ideas relating to landscapes.

### Geography

- Use coordinates and the eight points of the compass to navigate a map using grid references, symbols and keys on a fictional island.
- Describe features of human and physical geography of specific areas of Alchemy Island.

### English

Text: **'The Lion, the Witch and the Wardrobe'** by CS Lewis.

- Consider how authors have developed characters in order to inform our own narratives.
- Use organisational and presentational devices to structure text and to guide the reader in non-chronological reports.
- Indicate parenthesis in our GPS lessons.

### Maths

- Draw perpendicular and parallel lines using a ruler and set square.
- Identify horizontal and vertical lines and use this knowledge to solve problems.
- Identify properties of shape and solve geometrical problems.
- Find unknown angles and sides of squares and rectangles.

### Physical Activities

- Invasion Games: improve skills by participating in netball and basketball.
- Seasonal craftwork using the natural environment and developing our new Forest school area.

### French

- Engage in conversations, asking and answering questions about clothing.
- Broaden vocabulary by discussing traditional French dress.

### Music

- 5K will explore and appraise jazz music and learn to play a jazz tune.
- 5B will take part in K2M guitar lessons on Mondays.

Staff: Mr Barrett  
Mr Klair  
Mrs Hubbard



## Religious Education

Explore a range of images, sounds and actions that symbolise peace in Christianity, Hinduism and the Islamic faith.

## Personal, Social, Health Education and Citizenship

Understand what makes a healthy lifestyle and identify factors which affect physical and emotional health.

## Homework

- Children should be reading at home on a daily basis.
- They should also be practising their times tables regularly.
- Please complete at least one of the activities below for your homework. All of the tasks are linked to our 'Alchemy Island' topic. Please be as thorough and creative as possible!

Use a magnet to test the magnetic properties of metals around the home and record your discoveries in a data table.

Research and find out about all the different uses of gold. Present your findings for us all to see.

Find out about a variety of precious metals and gemstones. What are they used for? Why are they so special? Create an exciting presentation with everything you have learnt.

Write a short story about your journey through a portal to a magical land. Remember to use lots of description.

Create a modern day alchemist. Think about how the alchemist might look and act. Put all of your information into a character profile.

Make a list of foods that change state when heated or cooled, such as eggs, water, butter and chocolate. Make a meal, using some foods from your list. Describe the scientific change that has taken place.

Find out what an Assay Office is and where they are located in England.

Read a fantasy/adventure novel such as 'Harry Potter and the Philosopher's Stone'. Write a review for your friends and describe the main characters.

## Reading

Children are encouraged to read throughout the week (their chosen text from Accelerated Reader Programme). Home school link books must be brought in once a week so that teachers can see the time they are spending reading at home.

In school, children will then be given a quiz on their chosen book so that class teacher's can see their understanding of the text.

## Times Tables and Spelling

Year 5 children are expected to be regularly practising their times tables (up to 12 x 12) and reviewing the spellings on the Year 3, 4, 5 and 6 spelling lists.

