

# Year 5 Summer Term 2017

*Mrs Hudson-Shaw, Mr Thomas and Mrs Somerset*

In Year 5 this summer term we are going on a magical journey to Alchemy Island for our first Topic. Can we find the gold hidden deep in the Island's mysterious landscape? The only way is to study the map, unravel the riddle and begin our adventure.....On the way, we must do all that we can to learn about gold and master the ancient art of alchemy. We've got our map, co-ordinates and everything else we need to make our way across Alchemy Island.

In the last term our Topic will be Scream Machine where the children will be learning all about how rollercoasters work, the forces involved and the key features to consider when designing a new ride or theme park.



## English

We will be:

- Solving riddles written in old English.
- We will be learning about portals that appear in the stories *The Lion the Witch and the wardrobe*, *Harry Potter* and *Alice in wonderland*.
- Write a short fictional story based on Alchemy Island about the adventures of entering a new world through a portal.
- Writing narratives setting descriptions based upon our own fantasy locations.
- Writing a range of poetry about gems and rides at a theme park.
- Persuasive texts (advertisements) for theme parks.



## Maths

We will be:

- Practising formal written methods for all four operations.
- Properties of shapes.
- Area, Perimeter and Volume.
- Compass directions, Co-ordinates and translations.
- Units of Measure and converting (Time, Weight, Length).
- Problem solving using all four operations.
- Data - Reading Graphs and timetables.



**Science** This term we will be:

- Exploring how we can separate mixtures using sieving, filtering and evaporation.
- Comparing and grouping together materials on the basis of their properties, including their hardness, solubility, transparency and conductivity (electrical and thermal).



Next term will be based on forces. The children will be learning about how forces are considered when designing rollercoasters. They will develop their knowledge and understanding of terms such as air resistance, gravity, centrifugal force etc.

**History/Geography**

- We will be exploring the human and physical features of Alchemy Island from a map.
- Learn to read maps and coordinates. Then plot a journey across Alchemy Island. Produce our own scaled fantasy maps.
- We will look at the history and origin of alchemy. Why was gold so desirable? Where did the science of alchemy come from?

Next Term, we will learn where theme parks are located across the UK and what geographical features are located nearby.

**RE/PSHCE**

We will be studying the beliefs and moral values of Hinduism. Then look at how Christians show their commitment to God.



**French**



We will continue to develop knowledge of basic French language including parts of the body, months of the year and hobbies.

**PE**

We will be doing Cricket and Tennis this term. Athletics in Term 6.

**Art/DT**

- We'll be walking around school looking for potential portals and taking photographs.
- Drawing imaginary worlds through a portal.
- Designing a rollercoaster, including logos, advertising and artwork.



**Computing**

- We will be learning how to alter images of using photo editing software.
- Debugging simple programmes on Scratch.
- Writing Code.
- Learning how to compose music using Audacity.
- Learning how to stay safe online.

**Other important information**

Children will have PE on Wednesday and Thursdays, although their kits should be in school every day.

Homework will continue in same format Mondays = Reading, Wednesday = Maths being handed in the following week.

Spelling city tasks will follow the spelling unit we are focusing on in class and change every 2-3 weeks.

**How to help at home**

Please encourage your child to read as much as possible at home.

You may also be able to support their learning in Maths by helping them to learn their multiplication tables and facts. Websites like Hit the button can really help this.