

## Alchemy Island



This curriculum newsletter provides an overview of your child's learning in year 5 this half term. We're going on a magical journey to find the gold hidden somewhere on Alchemy Island. We will look closely at maps of Alchemy Island, plotting routes and using coordinates. We'll examine samples from the island, explore the

properties of materials and experiment with changes of state. If we're going to find gold, we'd better find out all about it!

## English

We will continue to use Power of Reading to explore a text and focus on the following aspects: understand the genre of 'mystery stories; exploring and empathising with characters and considering differing viewpoints which we will use to write our own stories.

## Maths

In maths the children will continue to use all four operations (+ - x ÷). They will continue to look at fractions and extend this to include the links between fractions, decimals and percentages. Daily Marvellous Maths will focus on recall of time table facts and applying mathematical skills to solve problems.

## PE

In PE, during our carousel, the children will explore dance, looking at the Haka dance. We will also be completing circuit training.

## Art & DT

In Art/DT the children will exploring torches. They will design and create their own head torches that would help an explorer on Alchemy Island.

## Computing

The children will be creating adventure story books where the user chooses what happens next. These will be produced using Power Point. They will also continue to develop their keyboard and interactive skills through cross curricular learning.

## Science

In Science the children will learn about materials and their properties. They will explore how materials change and the chemical reactions involved. They will take part in investigations around materials and develop their skills in recording data.

## PATHs

In PATHs we will be looking solving problems.

## Humanities

In Geography the children will develop their map reading skills, using co-ordinates and learning about human and physical geographical features.

## RE

The children will exploring ethics and how are virtues serve/effect people in life.

## Languages

The children will build their confidence with their speaking and writing skills. They will focus on learning and using vocabulary linked to the time and dates.