

# Alchemy Island

## This term we are learning...

### English

In English, we will be focusing on reading and writing fantasy play scripts. We will look at the main structure of play scripts and analyse the features and devices that are used in this text type. Our key text for this topic is 'The Tempest' by William Shakespeare but we will look at a whole range of texts linked to our topic. When reading these texts, we will focus on developing our comprehension skills by answering a range of question types. We will also link these texts to our writing and topic lessons to ensure that our learning is interconnected.

We will continue to practise handwriting each morning and encourage the children to use their best handwriting in all areas of their learning. The children will further develop their spellings by revising and learning more spelling rules, whilst continuing their practise of common exception words. In our grammar and punctuation work, we will be looking at how to use colons in lists and for explanations, adverbs of possibility, past progressive tense, present progressive tense, expanded noun phrases and bullet points.

### Science

In Science we will be learning more about properties and changes of materials whilst on a quest for gold on Alchemy Island. We will be examining samples sent by the island's Chief Alchemist and finding the properties of each sample. We will investigate contaminated water samples by consolidating our knowledge of sieving, filtration and evaporation. Whilst on our journey to Dragon Vine, we will be recovering gold nuggets from soil samples and exploring the gold crystals at Crystal Hedge Forest. Finally, when we reach the Chief Alchemist's laboratory, we will be exploring what happens when we add acid to bicarbonate of soda.

### Spanish / Computing

Spanish- face and body parts. Computing- Introduction to Vector Graphics (creating media) and Google drawings.

### Maths

In Maths, we will be focusing on decimals and percentages and perimeter and area. Throughout all of our lessons we will be building on our fluency of skills whilst also developing our ability to reason and explain. There will be concrete, pictorial and abstract question types in all of our learning. At the end of each unit, we will complete an assessment to see which areas we need to focus on more.

In our decimals and percentages unit, we will be learning how to read and write decimals up to 2 decimal points, finding equivalent fractions and decimals (tenths, hundredths and thousandths), ordering and comparing decimals with up to 3 decimal places and rounding decimals to the nearest whole number.

In our perimeter and area unit, we will be finding the perimeter and area of rectangles, rectilinear shapes and polygons. We will also learn how to estimate area.

### Geography

In Geography, we will be looking at a map of Alchemy Island and using the key to determine the island's human and physical features. We will explore contour lines to discover the island's terrain and will use coordinates to plot routes around the island.

### Art/Design and D&T

We will be using the grid method for sketching and crafts linked to Mother's Day.

In DT, we will create a board game which incorporates some sort of mechanical system such as levers/linkage mechanisms.

### PE

Dance with Miss Austin/Primary Stars.

Music-Charanga- Fresh Prince of Belair

RE-What does it mean to be a Muslim in Britain today?

### PSHE

Our topic this half term is 'Relationships'.

We will be exploring relationships with a range of people, considering how we ensure we have healthy relationships and dealing with conflict in different relationships.