



### English

We will be reading *Rumblestar* by Abi Elphinstone



In our writing we will be learning to:

Develop characters in narratives  
Plan and write an explanation text  
Write a cinquain poem about gemstones

### Maths

We will be learning to:

Improve our multiplication and division skills.  
Comparing and ordering fractions, including mixed numbers and improper fractions  
Add and subtract fractions

### Science

In Science we will identify, demonstrate and compare reversible and irreversible changes. We will also understand that materials can be grouped according to their basic physical properties. We will be studying several notable alchemists and scientists who had an impact on our understanding of alchemy and modern science. These include: Maria the Jewess (one of the first known female alchemists), Muhammed Ibn Zakariya Al-Razi (a celebrated alchemist, physician and philosopher) and Alice Ball (the first female and first African American, to graduate with a Master's from the University of Hawaii, where she developed the leading treatment for leprosy).

### RE

We are learning to question whether God intended Jesus to be crucified or whether Jesus' crucifixion was the consequence of events during Holy Week.

### PSHE & SRE

We will discuss how our bodies and emotions will change as we approach and move through puberty.

### Alchemy Island

It's time to suspend your disbelief and open your mind. We're going on a magical journey to Alchemy Island. Can you find the gold hidden deep within the island's mysterious landscape? The only way is to study the map, unravel the riddle and begin your adventure. On the way, you must do all you can to learn about gold and master the ancient art of alchemy. Be creative and try to impress the island's team of ace alchemists. Will they praise your scientific expertise? Could you compose a stunning soundscape to bring this mysterious landscape to life? You've got your map, coordinates and everything else you need to make your way across Alchemy Island. Don't forget to pack your imagination. Got your suitcase ready? Then let the journey begin.

### Spelling

We will continuously be reviewing spelling strategies that we have taught in terms 1, 2 and 3:

Building words from root words -velop-, -cept-, -struct-, -quad-, -digit-, -fin-, -tach-  
Words ending in '-ably' and '-ibly',  
Homophones (*cereal/serial, father/farther, guessed/guest*)  
Ei or ie

### French

We will be learning how to use a French dictionary. We will continue to build our vocabulary, extending to school subjects, transport and numbers.

### Computing

We will learn how a flat-file database can be used to organise data in records. We will use tools within a database to order and answer questions about data. We will create graphs and charts from our data to help solve problems. We will use a real-life database to answer a question, and present our work to others.

### Geography

We will use compass points and grid references to interpret maps. We will also learn how compass points can be used to describe the relationship of features to each other, or to describe the direction of travel.

### DT

We will learn about electrical systems, more complex switches and circuits and experience the characteristics of a series circuit. We will design, make and evaluate a metal detector/torch for themselves to help them search for gold.

### Art

We will continue to develop our observational drawing skills and sketchbook work by exploring a combination of different visual elements such as line, texture and colour.

### PE

In P.E. this term, through the sport of tag rugby, children will develop their fundamental movement skills. They will learn to read and react to game situations as they develop. They will also learn to respect the rules even when a decision goes against them or their team.

### Music

In music this term, we will be listening to 'The Fresh Prince of Bel Air' and other hip-hop tunes. The children will be understanding the freestyle options available when creating hip-hop pieces of music.