

Geography-

We will be looking at a map of Alchemy Island. This will give us the chance to use compass points, grid references and scale to interpret maps with accuracy. We will be able to describe the relationship of features to each other, or to describe the direction of travel. Accurate grid references identify the position of key physical and human features. We will learn how hills and valleys are represented on Ordnance Survey maps through the use of contour lines. This will help us plan our journey through the island.

Design and Technology-

We will be designing and creating our own board game based on Alchemy Island. We will use pattern pieces and computer aided designs to create game pieces and boards.

Alchemy Island ***Rhinos Term 2 Overview***

Music

We will be creating our own pieces of music for different purposes. We will experiment with pitch, rhythm, tempo, texture, melody and other musical features to create the desired effect. This will enable us to be confident at explaining musical terminology. We will create our own graphic scores in order to develop our journey of reading and writing music.

Innovate Challenge-

The UK's largest video game company is making a new game based on your adventure on Alchemy Island. The game needs a soundtrack that will wow gamers as they play their way through the trickiest levels. Use your experience and the skills that you've learned to recreate the magic of Alchemy Island with sounds and music. Then pitch your ideas to the game company's board of directors. You'll have just 90 seconds to impress them.

Maths- Multiplication and Division.

We will revise our times tables and use this knowledge to find multiples, factors and common factors of whole numbers. We will be introduced to prime numbers, square numbers and cubed numbers. We will revise multiplying and dividing whole numbers by 10, 100 and 1,000.

Fractions

We will be looking at equivalent fractions, mixed and improper fractions, fractions greater than 1, comparing and ordering fractions and adding and subtracting fractions.

English-

We will be creating our own narrative poems, narrative stories and letters. The focus will be on expanding our vocabulary by using powerful adjectives and verbs to set the scene. We will identify key features, plan, draft, evaluate, edit and rewrite our writing to show the writing process. We will be looking at model verbs, relative clauses, direct speech and standard English to develop our understanding of grammar.

Guided Reading

We will be reading extracts from The Lion, The Witch and The Wardrobe, Shadow Forest and The Wizard of Earthsea, as well as exploring non-fiction texts and poetry. The skills we will be focusing on will be vocabulary, inference, predictions, explaining, retrieving and summarising. (VIPERS)

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Rhinos Term 2

Overview

Science- Forces

We will be building on our knowledge from Year 3 of forces. We will investigate how gravity, friction, air resistance and water resistance works. We will create experiments to demonstrate how these forces work and will discuss when and where these forces occur in everyday life.

RE- Christianity

We will be learning about Christian rites of passage. This will include Baptism, Confirmation, Marriage and Funerals. We will make comparisons to other faiths to spot similarities and differences. We will look at journeys and the journey of characters from the Nativity story.

French- Going Shopping

We will learn vocabulary based on fruit, vegetables and clothes. We will learn to ask/ answer questions on where to buy certain items.

PSHE- Celebrating Difference

This term, we will cover cultural differences and how they can cause conflict, racism, rumours and name-calling, types of bullying, material wealth and happiness and enjoying and respecting other cultures.

ICT- Creating Media- Video Production

This unit gives learners the opportunity to learn how to create short videos in groups. As they progress through this unit, they will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video.

PE- Basketball

We will learning the skills of dribbling, passing, footwork, keeping possession and marking, all building up to play a match.