

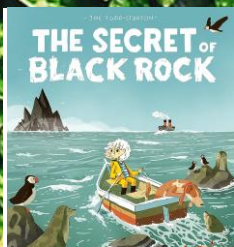
# Autumn Term 1 Year 4

## English

Our fiction text this term will be the book, 'The Secret of Black Rock'.

We will be focusing on using a wide range of vocabulary to describe emotions and settings. We will also be developing our use of fronted adverbials and complex sentence structures.

**We are reading...**



## Cross curricular writing

In these English lessons, we will be learning how to write persuasively to encourage the building of sea defenses and reducing plastic pollution in oceans.

## Maths

In Maths, we will be introducing 1000 numbers during our place value topic that includes: finding 10, 100 and 1000 more or less, rounding and ordering numbers. We will then move on to addition and subtraction, building up to 4-digit numbers using the column method. We will then cover multiplication.

## Art

In Art, we will be using water colours to create various shades and tones to show highlights and shadows in water. We will experiment with different methods of using watercolours to paint water and create texture. We will research and study the work and methods of various artists such as: Monet and Sarah Ross-Thomson.

## Science

What creates sounds? This is the exciting question we are investigating this term. We will learn that sound is created when something vibrates and sends waves of energy (vibration) into our ears. We will conduct experiments to find out what happens when you increase or decrease the strength of the vibrations.



## Geography

In Geography, the question leading our enquiry will be 'How does water change the landscape?'

Within this unit of work, we will cover the effects that water has on our coasts through various forms of erosion. Research will be conducted to see what actions we can take to help reduce the effects of erosion and therefore protect, and maintain, our beaches and communities on the coastline.

## DT

We will be completing the unit of work for Mechanical systems making a slingshot car. We will be working to produce an accurate, functioning car chassis. We will design a shape that is suitable for the project, conduct tests to reduce air resistance through the design of the shape. Once we've made our cars, we will conduct a trial accurately, draw conclusions and make improvements from the results.

## Music

We will be learning to listen for changes in pitch, tempo and dynamics and relate it to something tangible and familiar.

Linking to their geography learning, the children will represent different stages of the river through vocal and percussive ostinatos, culminating in a final group performance.

## PSHCE

In PSHE we will be covering the unit of work for Growth Mindset.

We'll be looking at strategies for persevering and know that we learn from making a mistake. We will find out about the key traits and characteristics of an effective learner.

## Computing

We will continue to build on our presentation skills using PowerPoint and Word including skills such as using text boxes, inserting pictures and sounds. We will look at how we can save and retrieve work in our personal portfolios stored online. We will have the opportunity to safely use the internet to research topics across the curriculum such as History and Geography.

## PE

We have two PE lessons a week and these will be on Monday and Friday. Children will need to come into school in their appropriate PE kit on these days. Please dress them for the weather as we will still be going outside when the weather turns.

For PE this term, we'll be covering Dodgeball for our indoor sport and practising our football skills for our outdoor sport.