

**Maths**

We will begin with the unit 'Length and Height', where we will use metres and centimetres to measure length in any direction. We will apply our previous learning to solve problems involving all four operations in the context of length and height.

We will then move on to 'Mass, Capacity and Temperature'. To begin, we will revisit our Year 1 understanding of mass, recalling how we used different types of scales to weigh everyday objects. We will then look at standard units of measurement, such as grams and kilograms and understanding the difference between them. We will also apply the calculation skills learned earlier in the year to solve mass-related word problems.

Next, we will revisit volume and capacity, building on our prior knowledge before progressing to measuring in millilitres and litres. We will learn to choose the most appropriate unit of measurement depending on the context.

We will also be introduced to temperature, thermometers, and the unit degrees Celsius (°C) for the first time. We will explore vocabulary such as hot, warm, and cold. We will try to make comparisons based on places we have visited or seasonal changes. We will recognise that higher temperatures are linked to warmer weather and we will use our understanding of reading scales to interpret different thermometers.

Lastly, we will cover 'Fractions'. We will begin by exploring parts and wholes, identifying equal and unequal parts. We will then focus on specific fractions, starting with halves and quarters, revisiting concepts introduced in Year 1. We will recognise these fractions pictorially and find fractions of amounts. We will also look at thirds, understanding that the denominator 3 means the whole is divided into three equal parts. Finally, we will practise counting in fractions up to a whole, using halves, quarters, thirds, and three-quarters.

**Science**

We will apply previous knowledge of properties of materials to find the most suitable material to build a boat to carry pirate treasure across the seas. We will extend our knowledge by investigating the absorbency of a range of materials to support their boat making creations.

We will also look and explore animal groups to find out which animals live in water and what features they have. We will explore our outdoor environment to find out which animals have made it their habitat and compare the differences between things that are living, dead, and things that have never been alive. Looking after our school garden will be observed throughout the summer weeks.

**PE**

We will learn how to send a ball towards a target in fun and simple activities and continue to build on the skills we developed in Year 1. We will learn and develop different skills such as rolling, throwing and kicking, aiming at both still and moving targets. We will learn about aiming and accuracy while taking part in a variety of target games. We will also begin to develop teamwork and simple tactics, applying these skills through simple invasion games.

**Computing**

We will begin creating algorithms using our super robots and floor maps to create maps for pirates to follow. This will support our future work on coding.

### English

We will be learning how to write instructions, using our pirate theme: How to Catch a Pirate. We will focus on using bossy (imperative) verbs and time connectives to help order instructions clearly. We will also use adverbs, including words ending in -ly, to add detail to their writing.

Then we will learn and retell a pirate story before innovating it to invent own story. We will write a series of well-punctuated sentences to create a narrative and use exclamation marks to add excitement to their writing. We will work on writing clear sentences using adjectives and expanded noun phrases.

We will include conjunctions to join ideas like 'when', 'because' and 'or' and we will continue to practise capital letters for names and the word 'I' and learn to add suffixes such as -ing, -ed and -est. We will also learn how to use apostrophes for possession and commas.

Children will also practise correct letter formation and take pride in their handwriting continuing to join letters.

### Art

We will go on a journey across the oceans as part of our topic. Inspiration will come from the amazing eco-artist Pam Longobardi, who creates artwork using plastic materials collected from the sea. We will see how art can send an important message, and how we can all help to protect our oceans.

We will work together to create a giant whale collage using recycled materials. Just like pirates once sailed the seas in search of treasure, we will be thinking about what we might find in our oceans today... and how we can help to keep them clean and safe for sea creatures.

### Music

This term, we will be setting sail on an exciting musical adventure as part of our topic "Land Ahoy! Do pirates exist?"

We will be exploring key skills including pulse (the steady beat), rhythm (patterns of sounds), pitch (high and low sounds), tempo (fast and slow) and dynamics (loud and quiet). We will learn about rests, understanding that sometimes music includes moments of silence and how these are just as important as the sounds we hear.

We will use our voices, bodies and instruments to bring music to life. The children will learn a range of pirate songs and add actions and simple dance moves.

We will use 'Boom Whackers' to play along to music.

### RE

We will also recall symbols from Judaism, suggesting what these symbols might mean and why they matter to believers.

We will learn about what happens during a traditional Christian infant baptism, as well as how babies are welcomed into the world within Islam. We will identify ways people show they belong to one another when they get married and we will explore Christian and Muslim wedding ceremonies, noting similarities and differences between them.

they get married and we will explore Christian and Muslim wedding ceremonies, noting similarities and differences between them.

**PSHE/RSE**

We are learning about kind friends and what that might look like. We will be looking at what we think a 'bully' is and the different ways in which someone may be bullied i.e. cyber bullying. We will explore how someone might feel if they are bullied and look at different strategies we can use to resolve arguments between friends positively. We will learn how we can report bullying or if we are worried we will learn again about the importance of knowing who our trusted adults are. We will continue to develop our skills of learning, playing and listening cooperatively with our peers. We will also continue to explore how to treat ourselves and others with respect.

**History**

We will be finding out about Christopher Columbus and what he discovered on his voyages to The Americas and how it changed our world. We will ask whether it is ok to go to another country and treat people unfairly?

