

## Maths

We continue our mastery journey, applying practised skills and knowledge to a variety of reasoning problems.

### Recognise, compose, decompose and manipulate 2D and 3D shapes

The children are exposed to spatial reasoning problems throughout this unit. They create pictures from 2D shapes and explain how they rotate and substitute different shapes. They investigate repeating patterns and tangrams. In this unit, the children learn about 3D and 2D shapes. They are able to identify and describe these according to their properties.

### Composition of numbers 6-10

We learn about numbers 6-10 using the '5 and a bit' structure. We learn to partition numbers 6-10 systematically and to solve problems using these number bonds. We explore number line positions and estimate where the numbers would be on a unmarked number line. We reinforce our understanding of odd and even numbers a

### Additive Structures

The children add parts to make a whole. They investigate missing part questions, solve and create word problems. They learn about inverse operations and use addition knowledge to solve subtraction calculations.

### Mastering Number

Along with our daily math lessons, each day we take part in a short "Mastering Maths" sessions which focus on subitising numbers (recognising without counting, e.g. I know that is 4 because I can see 2 and 2) and the composition of numbers, e.g. what does 4 need to make 5?

## Science

**Animals Including Humans** - In this unit of work the children will become familiar with common names of some fish, amphibians, reptiles, birds and mammals. Pupils work scientifically by using their observations to compare animals first hand or through videos and photographs, describing how to identify and group them. They might group animals according to what they eat, where they live, how they move.

**Living Things and Their Habitats** - The children will raise and answer questions that help them become familiar with life processes that are common to all living things. They will learn the terms habitat and micro-habitat. Children should compare animals found in familiar habitats with animals found in less familiar habitats.

## Religious Education

**Christmas** - We learn about the Annunciation, Joseph's dream and the journey to Bethlehem. We hear about Jesus' birth in the stable and the visitors and gifts he received. We know that the birth of Jesus continues to be important for Christians today for.

**Jesus: Teacher and Healer** - We learn that Jesus taught people about God and how they should live through stories called parables. We learn about the miracles that Jesus performed.

**Forgiveness** - We learn the importance of giving and receiving forgiveness. We learn this through the parable of the Prodigal Son and the story of the Sinful Woman. We learn about God's forgiveness and the importance of making good choices.

**Lent** - We learn that Lent is a special season in the church's year when we try to change and grow to be more like Jesus by following his example. We learn that Lent is time where Jesus give us the chance to change.

# Spring Term AMAZING ANIMALS!

## RSHE

**Created to Love Others** We explore the individual's relationship with others. Building on the understanding that we have been created out of love and for love. This module explores how we take this calling into our family, friendships and relationships, and teaches strategies for developing healthy relationships and keeping safe both online and in our daily lives.

## Computing

We learn about how to be safe online by following Smartie the Penguin's internet safety rules. We learn to login to our google accounts and to create a new document. We learn to type simple sentences into a google doc and how to log out of our accounts, showing understanding of how to keep our login information safe on shared devices.

## Physical Education

**Throwing and Catching** - We improve our hand-eye coordination by practicing throwing and catching in a variety of ways. Children develop their confidence throwing under and over arm and learn the most effective way to cooperate with a partner to ensure a catch.

**Dance** - The children learn dances based on different habitats, e.g. African animals, under the sea. They learn set motifs and innovate with their own dance moves.

**Music** - We will continue to develop our sense of pitch, rhythm, pulse and dynamics through learning the recorder. We will also use percussion instruments to enhance our performance.

## English

**Phonics** - We continue our Little Wandle phonics journey by learning and applying new Phase 5 graphemes. The children learn to recognise graphemes in isolation and to spot them in familiar and unknown words.

**Handwriting** - We continue to perfect letter and number formation with a focus on the comparative size of capital and lowercase letters. We ensure letters are positioned accurately on the line, with careful attention paid to ascenders and descenders.

**Reading** - We take part in 2 - 3 group reads in school, working on decoding, prosody and comprehension. Whole class guided reading sessions focus on vocabulary, predictions and inference.

In addition to phonics, reading and handwriting, we take part in daily English sessions focusing on developing our literacy skills through a range of high quality texts. Students are immersed in high quality children's literature to improve reading and writing skills. Our Spring texts include:

- The Odd Egg by Emily Gravett
- The Comet by Joe Todd-Stanton
- Dadashi's Paintbrush by Rashmi Sirdeshpande
- Julian is a Mermaid by Jessica Love

## Topic

**Geography** - We learn the countries of the United Kingdom and their capital cities. We also learn the names of the seas that surround the UK. We discover animals native to the UK and then broaden our geography to include animals from around the globe that are of interest to the children. We learn about how environmental changes affect animal populations and explore why some animals have become extinct.

**Field Work** - We study the animals found within the school grounds and mark our findings on a basic map.

We complete our topic with an educational trip to Cotswold Wildlife Park to consolidate our topic and science learning.

## Art and Design & Technology

**Art** - We begin our topic with a 'wow' piece of art that links our Teddy topic to our new Amazing Animals topic. We use watercolour paints to create a wash background for a beautiful Arctic polar bear scene that develops our painting and sketching skills, as well as cutting and sticking. Our sketching skills continue to develop through continuous provision this term.

We continue to develop our colour mixing skills by studying the work of Wassily Kandinski and his contrasting colour circles for a special Mothering Sunday project.

**D&T** - We investigate different wheel, slider and lever mechanisms and practice making each of them. We create a moving part for a storybook using our knowledge of mechanisms.

## French

We continue to develop our French language knowledge by counting to ten, talking about our families and pets and explaining how we are feeling. We learn through repetition, games, activities and songs.