

## Maths

Number, place value and rounding: Count, read and write numbers to 100. Identify steps of 2 and 5 from 0 and in tens from any number, forward and backward. Use place value to understand the relationship between the units. Statistics: Interpret and create pictograms, tally charts, block diagrams and simple tables. Ask and answer simple questions by counting and sorting the categories. Measurement: Tell and write the time to five minutes and compare intervals of time. Measure time using hours, minutes and seconds. Use language relating to dates, including days of the week and months. Measure length, height, mass/weight, capacity and volume. Choose and use appropriate units: length (m / cm); mass (kg / g); temperature ( $^{\circ}\text{C}$ ); capacity (litres / ml). Recognise and know the value of different coins and notes. Find different combinations of coins to equal the same amounts. Solve simple practical problems, including giving change. Addition and subtraction: Use addition (+), subtraction (-) and equals signs (=). Multiplication and division: Solve one step problems using objects, pictures and arrays. Solve one-step problems including missing number problems. Solve problems with addition and subtraction. Recall and use addition and subtraction facts to 20 fluently. Add and subtract numbers using concrete objects, pictures and mentally. Recognise and use the inverse relationship between addition and subtraction. Use multiplication and division facts for the 2, 5 and 10 multiplication tables. Use the multiplication ( $\times$ ), division ( $\div$ ) and equals (=) signs accurately. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. Geometric reasoning: recognise and name common 2-D and 3-D shapes. Describe position, direction and movement. Order and compare properties of 2-D and 3-D shapes.

combinations of shapes on the s

### Reading:

Retelling a wide range of stories, including *Wild Child* by Jeanne Willis, modern retellings of traditional tales and classic traditional tales. Listen to and discuss a wide range of poems and stories and make links to their existing knowledge. Participate in discussion about books, poems and other works that are read to them and those that they can read for themselves. Use the feature structure of non-fiction texts to learn about the local environment, plants and animals.

### Writing:

Use increasingly adventurous vocabulary to describe and specify. Spell an increasing range of words including words with prefixes and suffixes.

Develop proofreading skills to check for spelling, punctuation and grammar errors.

### Spoken language:

Explore a range of texts through drama. Ask relevant questions to extend their understanding.

### Computing:

The children will learn about the potential dangers in the online world and what basic steps we all need to take in order to have positive digital experiences. They will learn the SMART rules and look at what information should be kept safe when using the Internet. We will explore the positives and potential negatives of online communication, such as email, and children will develop the skills to recognise potential dangers and act accordingly to keep themselves and others safe. They will be using their computing skills for word processing and painting.

## PE / PSHE

We will be developing the children's understanding of moving in different ways, controlling different objects and jumping for distance and height. In gymnastics they will be developing their movement skills and considering each other's performances, evaluating and improving their work.

The children will be working on myself and my relationships focusing on beginning and belonging.

## The Arts/Music/DT

In Music we will be listening and appraising a range of styles including Hedwig's Theme and Dance of The Sugar Plum Fairy.

In Art the children will have the opportunity to learn about different kinds of nature sculptures and to explore the work of Andy Goldsworthy and other environmental artists.

In Design and Technology The children will design, make and evaluate a toy their great grandparents would play with. They will use techniques, including joining, cutting, finishing and measuring to produce Christmas themed gifts.

## Science

To closely study plants and trees in the natural environment, taking measurements and making observational drawings. To plant a seed and a bulb and compare them as they grow, recording changes in their plants in words and pictures, take measurements throughout the unit and finally draw bar charts to show the growth of the two plants. To set up a comparative experiment to observe what plants need to grow well, and watch the germination process first hand by growing cress. To learn about plants we eat, and understand that farming involves creating the right conditions for food crops to grow. In Autumn 2 we learn to tell the difference between things that are living and dead and things that have never been alive, and apply this in a range of contexts. We will make observations of a local habitat and the creatures that live there, investigating conditions in local microhabitats and how they affect the minibeasts found within them.

## Key Stage 1

## Monkey Puzzle

## Curriculum Overview

## Humanities/History/Geography/RE

Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment; Use simple compass directions and location and directional language to describe the location of features and routes on a map.

Explore different aspects of everyday life, from domestic life, such as clothes and how to wash them, through to school life. Look at the impact of technology and differences related to changes in roles and tasks.

We will investigate the good news Christians believe Jesus brings and asking questions about whether Jesus' 'good news' is only good news for Christians, or if there are things for anyone to learn about how to live through stories and traditions from other cultures and religions.