

Year Three

Curriculum Overview Autumn

Numeracy

In numeracy, year 3 will describe and explain methods, choices and solutions to puzzles and problems, orally and in writing, using pictures and diagrams. Read write and order whole numbers to at least 1000 and position them on a number line; count on from and back to zero in single-digit steps or multiples of 10. Year 3 will also partition 3 digit numbers into multiples of 100, 10 and 1 in different ways. Derive and recall all addition and subtraction facts for each number to 20, sums and differences of multiples of 10 and number pairs that total 100. Add or subtract mentally combinations one-digit and two-digit numbers. Year 3 will represent the information in a puzzle or problem using numbers, images or diagrams. They will also identify patterns and relationships involving numbers or shapes, and use these to solve problems. Learn and revise the multiplication facts for the 2,3,4,5,6 and 10 times tables and the corresponding division facts. Recognise multiples of 2,5 and 10 up to 1000. The children will use knowledge of number operations and corresponding inverses, including doubling and halving, to estimate and check calculations. The children will relate 2-D shapes and 3-D solids to drawings of them; describe, visualise, classify, draw and make the shapes. Finally year 3 will be learning how to read the time on a 12-hour digital clock and to the nearest 5 minutes on an analogue clock, calculate time intervals and find start or end times for a given time interval.

Geography

This term we will be exploring weather around the world. The unit will encourage the development of knowledge about places and their locations. The range of activities is designed to ensure that, over time, children learn about places, where the places are and how they are connected. Some of the activities may be suitable as homework tasks. The unit can be enriched by children having a 'passport' in which they record all the places they have 'visited' in the course of their work.

D&T

During the autumn term year 3 will be looking at 'Packaging'. They will understand how card is stiffened when a packet is made and explore how materials and components have been used. Year 3 will also learn that 3-Dimensional shapes can be constructed from nets. They will explore how to measure, mark out, cut, score, and assemble the net of a 3D shape. The children will create different styles of writing for a purpose and generate ideas for an item of packaging, considering its purpose and users. They will create a package for a given purpose and evaluate design ideas as they develop, and indicate ways of improving their ideas.

Science

Plants

Animals including humans

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ICT

During ICT this term we will be exploring the topic 'Combining Texts and Graphics'. The children will start off by learning that texts and graphics can be combined to communicate ideas. They will use ICT to alter font type, size, and color for emphasis and effect. They will also use ICT to improve text and be able to Save Changes made. Year 3 will understand how to use the Shift Key to type characters such as question marks. Finally they will combine graphics and text to communicate information of their own.

PSHE

During the autumn term the children will explore living in a diverse world. They will start off by understanding the similarities and differences between different people from different parts of the world. They will then learn about the idea that all children have basic needs and rights as human beings, regardless of their gender, ethnicity, size, ability etc.

History

Year three will be exploring the Ancient Egyptians during the autumn term. This will lead to the study of The River Nile.

Literacy

During the autumn term year 3 will be introduced to different extracts when reading aloud. They will become aware of the different voices used to represent different characteristics and learn the term 'speech marks'. They will understand how to use capital letters and full stops as well as forming a complete sentence that makes sense. They will use complete sentences, and identify the setting and select words and phrases that describe it. To take account of grammar and punctuation when reading aloud. The class will investigate how the spelling of verbs alters when -ing is added. Year 3 will secure knowledge of question marks and exclamation marks, understand their purpose and use these appropriately in their own writing. The children will read, prepare and present play scripts, while recognizing and spelling common prefixes to generate new words from the root words, especially antonyms. Year 3 will begin to understand the use of a thesaurus and to find synonyms using it. They will also learn to distinguish between rhyming and non-rhyming poetry. They will be revisiting adjectives in all aspects of literacy and using them to create a visual impact of their ideas. The children will notice differences in the style and structure of fiction and non-fiction writing, while starting to organize stories into paragraphs and presenting information as a chart.

PE

This term Year 3 will be covering Games activities. This unit allows children to develop basic game-playing skills, in particular throwing and catching. They play games based on net games (like tennis and badminton), and games based on striking and fielding games (like rounder's and cricket). They have an opportunity to play one against one, one against two, and one against three. In all games activities, children think about how to use skills, strategies and tactics to outwit the opposition.