

Year 3 Summer Term
What will we learn this term?

English

Through the Ages: Our English work this term is linked to our History, Through the Ages project. We will be read, explore and write narratives, instructions and Cinquains

Maths

Fractions: Counting in tenths and then understanding fractions as division. Finding fractions of whole numbers as part of a set and looking at sharing 1 and more than 1. Equivalent fractions and look at simplifying fractions before comparing fractions with different denominators. Adding and subtracting fractions.

Angles: Finding angles in shapes, then learn how to name certain angles, specifically right angles, acute angles and obtuse angles. They compare angles to one another and then describe turns using both angles and fractions.

Lines and Shapes: Exploring the different types of lines in addition to properties of shapes, both 2D and 3D. Identifying perpendicular and parallel lines, followed by horizontal and vertical lines. Describing 2D shapes and drawing them. Describing 3D shapes and making them using play dough.

Perimeter of figures: Measuring the total length around a shape before moving onto grid paper to measure the combined lengths of each side. Calculating perimeter by adding all of the lengths together, and ending the unit by calculating the perimeter of a rectangle with unknown sides that need to be determined.

Science

Plant Nutrition and Reproduction: This project teaches children about the requirements of plants for growth and survival. They describe the parts of flowering plants and relate structure to function, including the roots and stem for transporting water, leaves for making food and the flower for reproduction.

Light and Shadows: This project teaches children about light and dark. They investigate the phenomena of reflections and shadows, looking for patterns in collected data. The risks associated with the Sun are also explored.

Computing

Summer 1: Learners will develop their understanding of digital devices, with an initial focus on inputs, processes, and outputs. They will also compare digital and non-digital devices. Next, learners will be introduced to computer networks, including devices that make up a network's infrastructure, such as wireless access points and switches. Finally, learners will discover the benefits of connecting devices in a network.

Summer 2: This unit explores the concept of sequencing in programming through Scratch. It begins with an introduction to the programming environment, which will be new to most learners. They will be introduced to a selection of motion, sound, and event blocks which they will use to create their own programs, featuring sequences. The final project is to make a representation of a piano. The unit is paced to focus on all aspects of sequences, and make sure that knowledge is built in a structured manner. Learners also apply stages of program design through this unit.

History

Through the Ages: This project teaches children about British prehistory from the Stone Age to the Iron Age, including changes to people and lifestyle caused by ingenuity, invention and technological advancement.

Art

Prehistoric Pots: This project teaches children about Bell Beaker pottery. It allows the children to explore different clay techniques, which they use to make and decorate a Bell Beaker-style pot.

Design Technology

Cook Well Eat Well: This project teaches children about food groups and the Eatwell guide. They learn about methods of cooking and explore these by cooking potatoes and ratatouille. The children choose and make a taco filling according to specific design criteria.

PE

Tennis: The children will be learning the skills they need to play tennis. They will learn how to control a racket, work on their reaction times, learn forehand and backhand technique, how to volley a shot and play a game of tennis.

Athletics: This unit explores the skills needed for long jump, sprinting, scissor kicks, shuttle relay and over and under arm throw,

3G PE day: **Monday**

3B PE day: **Monday**

RE

Disposition: Being open, honest and truthful. In this topic children will be learning about what various religions including Islam, Christianity, Judaism, Sikhism teaches them about honesty and truthfulness

PSHE

Celebrating Difference: Families, family conflict, witness and feelings, witness and solutions, words that harm, complements

Healthy Me: Being fit and healthy, what do I know about drugs? Being safe, my amazing body.

Music

Learning how to play the Ukulele, practice new skills they have learnt such as rhythm, pace, pitch and composition.