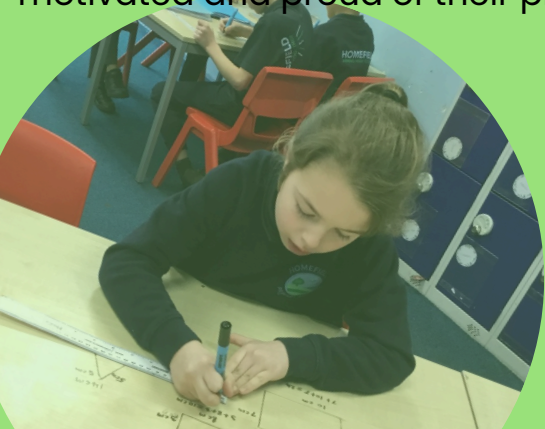




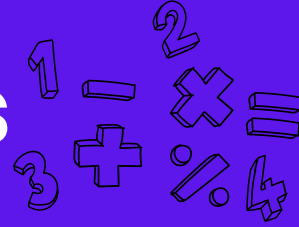
YEAR 3 SPRING CURRICULUM

Introduction

Spring Term in Year 3 is a time for building confidence, curiosity and independence as children continue their journey through Key Stage 2. This term, pupils will enjoy a broad and engaging curriculum that encourages hands-on learning, discussion and creativity. From developing fluency in maths and writing across a range of exciting genres, to exploring science through practical investigations and learning more about our local area in geography, children will be supported to ask questions and deepen their understanding. Alongside academic learning, we place a strong emphasis on wellbeing, resilience and teamwork, helping children to feel confident, motivated and proud of their progress.



Maths

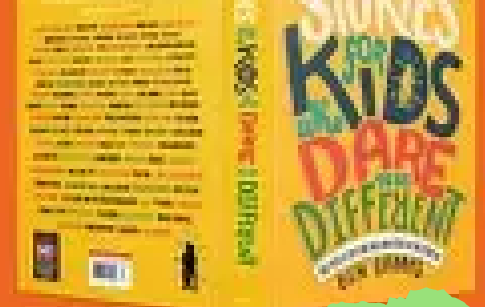


This term, children will continue to develop confidence and fluency in maths while applying their learning to problem solving. In multiplication and division, pupils will use known times tables to write and solve calculations, including multiplying two-digit numbers by one-digit numbers. They will solve a range of problems, including missing number, scaling and reasoning challenges, using both mental strategies and emerging written methods.

In length and perimeter, children will measure, compare, add and subtract lengths in millimetres, centimetres and metres, and calculate the perimeter of simple 2-D shapes.

Work on fractions will focus on finding and comparing unit and non-unit fractions of amounts, recognising equivalent fractions as numbers, and identifying equivalent fractions using diagrams.

In mass and capacity, pupils will measure, compare, add and subtract using grams and kilograms, and millilitres and litres, applying their understanding to practical, real-life contexts.



Literacy

This term, pupils will develop their writing skills through a wide range of creative and purposeful genres. They will write narrative stories, a biography, a persuasive speech, and explore playful language through kennings and riddles.

Using the inspiring texts *Children Who Dare to Be Different* and *Malala*, children will explore powerful role models, character and voice. Throughout the term, pupils will learn how to plan, draft, re-draft and edit their writing, building confidence and pride in their work.



Science

This term, children will study Forces and Magnets and Plants. In Forces and Magnets, pupils will investigate how objects move on different surfaces and learn that while some forces need contact, magnetic forces can act at a distance. They will explore how magnets attract and repel, identify magnetic materials, and learn about north and south poles.

In Plants, children will identify the parts of flowering plants and their functions, explore what plants need to grow, and investigate how water is transported within plants. They will also learn about the role of flowers in the plant life cycle, including pollination, seed formation and seed dispersal. Throughout both units, pupils will carry out practical enquiries and record their findings.



PE

Geography

This term, children will explore their local area, learning about the counties and regions surrounding Worthing. They will investigate different roads in Worthing and consider how traffic can contribute to varying levels of air pollution. Pupils will explore how Worthing has changed over time, identifying features that have been lost or developed.

Children will learn what air pollution is and examine its impact on both health and the environment, discussing strategies to help improve air quality. They will develop their map skills by using four-figure grid references to locate places accurately. As part of an enquiry project, children will carry out a traffic survey around Homefield Primary and use their findings to present data clearly and accurately.

In PE, children will develop their invasion game skills through tag rugby, focusing on teamwork, movement and control. They will also take part in indoor athletics, learning and practising techniques such as the standing long jump, speed bounce, chest push, five-stride runs and vertical jumps. Lessons will help children build coordination, strength and confidence while enjoying physical activity.

Computing

This term, pupils will learn about polling and data collection by creating their own surveys using Google Forms and Microsoft Forms. They will collect responses, organise data, and use Excel to explore patterns and present their findings clearly. Children will also revisit programming, building on their coding skills through block coding to create a simple game. They will develop their understanding of algorithms by incorporating inputs and variables, strengthening logical thinking, creativity and problem-solving skills.

Music

This term, children will explore Rock and Roll, creating their own music using GarageBand. Pupils will learn how to select suitable instruments for the style, record sounds, add loops and layer music effectively. They will also explore how adjusting volume levels can improve the overall performance of a piece. Alongside this, children will respond creatively to In the Hall of the Mountain King, expressing their ideas through drawing, movement, drama, dance or music. Pupils will share and explain their creative responses, developing confidence and musical understanding.



Art

This term, children will explore the impasto painting technique used by Vincent van Gogh, learning how artists create texture using thick layers of paint. Using powder paints, pupils will identify and mix different colour hues, revisiting warm and cool colours, as well as tints and shades. Children will experiment with a range of tools, such as glue sticks, lolly sticks and clay tools, to apply paint and create varied textured effects. They will develop their work by layering colour and texture to produce a final expressive piece inspired by Van Gogh's style.

This term, children will take part in two exciting DT projects. In Tower Making, pupils will analyse existing towers and explore how structures are strengthened before working in small groups to design and build their own towers using paper straws. They will practise a range of joining techniques and take part in a friendly challenge to create the tallest and strongest structure.



DT

In Cams Cards, children will be introduced to cam mechanisms and work collaboratively to construct moving parts that create linear motion. They will apply their learning to design and make an interactive Easter card, before evaluating how effectively their cam mechanism works.

PSHE



RE

This term, children will explore the question "Could Jesus heal people?" by learning about a range of miracles performed by Jesus, including the healing of the leper, the wise man and the paralysed man. Pupils will consider what these stories show about Jesus' teachings, compassion and beliefs, and reflect on why these stories are important to Christians today.

Children will also explore the question "What might Sanatanis learn from the story of Rama and Sita and the celebration of Diwali?" They will learn the story of Rama and Sita, and explore the values it teaches, such as good overcoming evil, loyalty and courage. Pupils will consider how this story helps to shape Sanatani beliefs and practices, including the celebration of Diwali.

This term, children will explore Dreams and Goals, learning about people who have faced challenges and achieved success. Pupils will reflect on their own ambitions, enjoy taking on new challenges, and develop motivation and enthusiasm for achieving their goals. They will learn how to identify obstacles, find ways to overcome them, and reflect on what helps them learn well so they can improve next time.

In Healthy Me, children will learn how exercise affects the body and why the heart and lungs are so important. They will explore how food choices impact health and develop an age-appropriate understanding of keeping safe, including recognising unsafe situations, knowing who to ask for help, and how to contact emergency services. Pupils will also learn about caring for their bodies and making healthy, safe choices.