

Year 3 Curriculum Overview 2022-2023



Subject	Autumn Term	Spring Term	Summer Term
<p>Maths</p>	<p>Place value within 1000 Children will count in 100s and partition a number in 100s, 10s and 1s. They will find 100, 10 and 1 more or less and compare and order numbers up to 1,000. Children will count in 50s.</p> <p>Addition and subtraction (1) Children will add 1s and 10s to 3-digit numbers and subtract 1s and 10s from 3-digit numbers. They will add and subtract 3-digit and 2-digit numbers. Children will learn when to exchange 1s, 10s and 100s and add and subtract using mental and written methods.</p> <p>Addition and subtraction (2) Children will add and subtract 3-digit numbers and decide if they need to exchange. They will exchange across more than one column and learn how to check their answers in different ways. Children will use bar models to solve 1- and 2-step problems.</p> <p>Multiplication and division (1) Children will recognise when groups are equal and when they are not. They will learn 3, 4 and 8 times-tables and find a simple remainder when a number is divided. Children will use a bar model to solve multiplication and division problems.</p>	<p>Multiplication and division (2) Children will compare multiplication and division statements using inequality signs. They will use known multiplication facts to solve other multiplication problems and find multiplication and division fact families. Children will learn to multiply and divide by partitioning and solve mixed multiplication and division problems including multi-step problems.</p> <p>Money Children will record money in £ and p and convert money. They will add and subtract amounts of money and solve problems including ones that involve finding change.</p> <p>Statistics Children will present information in different ways and use pictograms, bar charts and tables. They will answer questions based on information that is presented in different ways.</p> <p>Length Children will measure lengths in millimetres, centimetres and metres and compare lengths. They will add and subtract lengths and measure the perimeter of a shape. Children will learn about equivalent lengths.</p> <p>Fractions (1) Children will make a whole with unit and non-unit fractions and explore tenths as fractions. They will understand fractions as numbers and calculate fractions of a set of objects.</p>	<p>Fractions (2) Children will find equivalent fractions and compare fractions. They will add and subtract fractions and solve word problems about fractions and finding fractions of an amount.</p> <p>Time Children will learn about hours, days, months and years and estimate times. They will tell the time to the nearest minute and calculate start and end times. Children will solve time problems.</p> <p>Angles and properties of shapes Children will learn about turns and learn what a right angle is. They will understand and draw parallel and perpendicular lines and identify and draw vertical and horizontal lines. Children will recognise and describe right angles and parallel and perpendicular lines in 2D shapes. They will recognise, describe and construct 3D shapes.</p> <p>Mass Children will measure mass in kilograms and grams and work out different intervals on a scale. They will add, subtract and compare masses and solve problems involving mass.</p> <p>Capacity Children will measure capacity in litres and millilitres and convert between litres and millilitres. They will compare and order capacities and add and subtract capacities. Children will solve word problems involving capacities.</p>
<p>English</p>	<p>The Iron Man by Ted Hughes F: An approach threat narrative NF: Explanation: How to catch the Iron Man</p> <p>Fox by Margaret Wild</p>	<p>The Rhythm of the Rain by Grahame Baker-Smith F: Setting Narrative NF: River information leaflet</p>	<p>Return by Aaron Becker F: Setting Narrative NF: Information: Travel report</p> <p>In to the Forest by Anthony Browne</p>

	F: Fable Narrative NF: Fox report	Jemmy Button by Valerio Vidali F: Return Narrative NF: Letters	F: Lost Narrative NF: Newspaper report
Science	Animals inc Humans Nutrition and survival Skeleton and humans Rocks Types of rocks, how fossils are formed	Plants Function of plants and importance of flowers Light Light sources and reflection Shadows	Forces and magnets Forces and their movements Forces and magnets Magnetic forces and types of magnets
History	Changes in Britain Stone Age, Bronze Age to Iron Age NC - Changes in Britain from the Stone Age to the Iron Age.	Ancient civilisations- Sumer, Indus Valley and Shang Dynasty NC - The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of: Ancient Sumer; The Indus Valley; The Shang Dynasty of Ancient China.	
Geography	Mediterranean Bliss – Mediterranean Islands <i>(Tourism, biomes, resources, mapping, movement, culture)</i> Children will study the opportunities and challenges facing life on in the Mediterranean islands.	Our Unstable Earth – Volcanoes and Earthquakes <i>(Tourism, biomes, resources, mapping)</i> Children will be introduced to the concept of plate tectonics and will learn about the history, hazards and impacts of volcanoes and earthquakes.	
Art	Drawing Iron and Stone Age drawing Intro tertiary colours	Painting (printing) Neo-impressionism study- Paul Signac	Sculpture Modroc volcanoes and earthquakes.
DT	Structures A box for a Christmas present	Food technology Mediterranean pizza	Textiles Make a pencil case
Computing	Programming with robots (CS) Robots can be found almost everywhere. In this unit the children explore the history of robots and then get to program a robot around a maze.	My Online Life (DL) This activity takes place over the course of the term. It covers all the DFE statutory requirements for digital literacy and online safety	Be digitally awesome (IT) This unit is all about ensuring the children possess core skills with word processing, spreadsheet and presentation apps.
Music	Christmas singing-performance Sing songs with multiple parts with increasing confidence. Demonstrate good singing posture.	Glockenspeil- Charanga Recognise a range of musical instruments. Use and understand musical language (rhythm, pulse, tempo, pitch, dynamics).	Samba Drumming (1) Find the pulse with ease. Understand that improvisation is when a composer makes up a tune within boundaries. Understand that composition is when a composer writes down and records a musical idea. Play and perform in solo and ensemble contexts with increasing confidence.

French	<p>I'm learning French J'apprends le francais</p>	<p>I can Je peux</p>	<p>Ice creams Les glaces</p>
PSHE	<p>Being me in my world How behaviour can affect how others feel and behave. Importance of rules.</p> <p>Celebrating Difference How words can be used in hurtful or kind ways when conflicts happen. Strategies to help.</p>	<p>Dreams and Goals Different ways that help me learn and improve.</p> <p>Healthy Me Keeping safe and healthy.</p>	<p>Relationships How my life is influenced positively by other people. How my choices affect others.</p> <p>Changing Me How bodies change on the inside and outside during the growing up process.</p>
RE	<p>Hinduism - Diwali Investigate what happens during the festival Diwali.</p> <p>Christianity - Christmas Find out what the true meaning of Christmas is to Christians and compare this with what Christmas means to us.</p>	<p>Christianity - Miracles Retell Bible stories when miracles have happened and question if Jesus really did perform miracles.</p> <p>Christianity – Easter - Forgiveness Recall key events in the Easter story and understand why Jesus' crucifixion symbolises hope. The Easter story and the symbolisation of hope.</p>	<p>Hinduism: Hindu Beliefs Understand the Hindu belief that there is one God with many different aspects.</p> <p>Hinduism: Pilgrimage to the River Ganges Understand the significance of the River Ganges to a Hindu and non- Hindu.</p>
PE	<p>Basketball To pass, dribble, throw and catch with control To use simple game rules</p> <p>Indoor athletics To be able to perform 1:2, 2:2, 2:1 and 1:1 jumps</p> <p>Project based learning and mindfulness</p> <p>Health Education, Movement and Fitness</p>	<p>Principles, tactics, attacking and defending</p> <p>Dance To create dance phrases that communicate ideas with a partner and a small group</p> <p>Gymnastics To perform counter balances and balances of support with a partner</p>	<p>Physical Competitions and challenges</p> <p>Outdoor adventure and active learning</p> <p>Swimming To develop confidence in water and begin to develop different swimming strokes</p>

For more detail on curriculum coverage please see individual subject overviews.