

Year 3

	Autumn Term	Spring Term	Summer Term
English	<p>Reports (All About Me) Performance and Shape Poetry/Calligrams Instructions and Explanations Letters and Postcards Ongoing: Reading Comprehension Guided/Class Reading Spelling Activities Handwriting</p>	<p>Greek Myths and Legends Plays and Dialogue Recounts (Diary of a Killer Cat) Stories about Imaginary Worlds Traditional & Humorous Poems Ongoing: Reading Comprehension Guided/Class Reading Spelling Activities Handwriting</p>	<p>Adventure/Mystery Stories (Hodgeheg and Mr Benn) Non-Chronological Reports Information Texts Animal Poems Stories by the same author Ongoing: Reading Comprehension Guided/Class Reading Spelling Activities Handwriting</p>
Maths	<p>Use multiple of 5 and 10 bonds to 100 to solve additions and subtractions; add and subtract 1-digit numbers to and from 2-digit numbers. Compare and order 2- and 3- digit numbers; count on and back in 10s and 1s; add and subtract 2-digit numbers; solve problems using place value. Know multiplication and division facts for the 5, 10, 2, 4 and 3 times-tables; doubling and halving. Know and understand the calendar, including days, weeks, months, years; tell the time to the nearest 5 minutes on analogue and digital clocks; know the properties of 3D shapes. Comparing, ordering and understanding place value of 2- and 3-digit numbers; subtracting from 2- and 3-digit numbers; using prediction to estimate calculations. Doubling and halving numbers up to 100 using partitioning; understanding fractions and fractions of numbers. Use money to add and subtract and record using the correct notation and place value; add and subtract 2-digit numbers using partitioning; add</p>	<p>Rehearse place value in 3-digit numbers, order them on a number line and find a number in between; compare number sentences; solve additions and subtractions using place value; multiply and divide by 10 (whole number answers); count in steps of 10, 50 and 100. Add pairs of 2-digit numbers using partitioning (crossing 10s, 100 or both) and then extend to add two 3-digit numbers (not crossing 1000); recognise and sort multiples of 2, 3, 4, 5, and 10; double the 4 times-table to find the 8 times-table; derive division facts for the 8 times-table; multiply and divide by 4 by doubling or halving twice. Identify $\frac{1}{2}$s, $\frac{1}{3}$s, $\frac{1}{4}$s, $\frac{1}{6}$s, and $\frac{1}{8}$s; realise how many of each make a whole; find equivalent fractions; place fractions on a 0 to 1 line; find fractions of amounts. Recognise right angles and know they are 90°; understand angles are measured in degrees; recognise $^\circ$ as the symbol for the measurement of degrees; name and list simple properties of 2D shapes; begin to understand and use the term</p>	<p>Add 3-digit and 1-digit numbers mentally, using number facts; subtract 1-digit numbers from 3-digit numbers mentally using number facts; add and subtract multiples of 10 by counting on and back in 10s and using number facts to cross 100s; compare and order fractions with the same denominator; begin to recognise equivalences of $\frac{1}{2}$; add and subtract fractions with the same denominator. Use function machines to multiply by 2, 3, 4, 5 and 8 and understand the inverse; use scaling to multiply heights and weights by 2, 4, 8, 5 and 10; use known facts to multiply multiples of 10 by 2, 3, 4 and 5; multiply numbers between 10 and 30 by 3, 4 and 5 using the grid method; multiply 2-digit numbers by 3, 4, 5 and 8 using the grid method. Divide without remainders, just beyond the 12th multiple; division using chunking, with remainders; use the grid method to multiply 2-digit numbers by 3, 4, 5 and 8; begin to estimate products. Draw and interpret bar charts and pictograms where one square/symbol represents two units; compare and measure weights in multiples of</p>

	<p>three 2-digit numbers by partitioning and recombining.</p> <p>Choose an appropriate instrument to measure a length and use a ruler to estimate, measure and draw to the nearest centimetre; know 1 litre = 1000 ml; estimate and measure capacity in millilitres.</p> <p>Place 2- and 3-digit numbers on a number line; round 3-digit numbers to nearest 100; use counting up to do mental subtractions with answers between 10 and 20, 10 and 30, and either side of 100.</p> <p>Revise times-tables learned and derive division facts; perform division with remainders; choose a mental strategy to solve additions and subtractions; solve word problems</p>	<p>perimeter to mean the length/distance around the edge (border) of a 2D shape; begin to calculate using a ruler; know a right angle is a quarter turn; know 360° is a full turn; begin to understand angles and identify size of angles in relation to 90°.</p> <p>Place 3-digit numbers on empty 100 number lines; begin to place 3-digit numbers on 0-1000 landmarked and empty number lines; round 3-digit numbers to the nearest ten and to the nearest hundred; use counting up as a strategy to perform mental subtraction (Frog); subtract pounds and pence from five pounds; use counting up (Frog) as a strategy to perform mental subtraction of amounts of money; subtract pounds and pence from ten pounds.</p> <p>Understand place-value in 3-digit numbers; separate 3-digit numbers into hundreds, tens, and ones; add two 3-digit numbers using vertical written addition (expanded); add 2- and 3- digit numbers using vertical written addition (expanded).</p> <p>Add two 2-digit numbers mentally; add 2-digit to 3-digit numbers mentally using place value and rounding; add two 3-digit numbers using expanded written method (answers under 1000); begin to move tens and hundreds moving towards formal written addition; add two 3-digit numbers using expanded column addition; investigate patterns in numbers when adding them; choose to solve addition using a mental method or expanded column addition (written method).</p> <p>Tell the time to the nearest minute on analogue and digital clocks (minutes past and minutes to); time events in minutes and seconds; find a time after a given interval (not crossing the hour);</p>	<p>100g; know how many grams are in a kilogram; estimate and weigh objects to the nearest 100g; draw and interpret bar charts where one square represents one hundred units.</p> <p>Add 3-digit and 2-digit numbers using mental strategies; add two 3-digit numbers using mental strategies or by using column addition; use reasoning, trial and improvement to solve problems involving more complex addition.</p> <p>Use column addition to add three 2- and 3-digit numbers together and four 2- and 3-digit numbers together; subtract 3-digit numbers using counting up; solve word problems choosing an appropriate method.</p> <p>Add 3-digit numbers using column addition; solve problems involving measures; solve subtractions of 3-digit numbers using counting up on a line and work systematically to find possibilities; choose an appropriate strategy to solve addition or subtraction.</p> <p>Identify, name and draw horizontal, vertical, perpendicular, parallel and diagonal lines, angles and symmetry in 2D shapes; measure the perimeter of 2D shapes by counting and measuring with a ruler; tell the time on analogue and digital clocks to the minute, begin to tell the time 5, 10, 20 minutes later, recognise am and pm and 24-hour clock times.</p> <p>Use the grid method to multiply 2-digit numbers by 3, 4, 5, 6 and 8; estimate products; divide using chunking, with and without remainders; decide whether to use multiplication or division to solve word problems; recognise tenths and equivalent fractions; find one-tenth and several tenths of multiples of 10 and begin to find one-tenth of single-digit numbers.</p> <p>Revise column addition for adding three 3-digit numbers; revise mental strategies for addition;</p>
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Science	<p>Light Light & Shadows</p> <p>Forces Magnets Introduction to friction</p>	<p>Materials Revision</p> <p>Teeth and Eating (animals, including humans) Types/Function of Teeth Dental Care Basic digestive system</p> <p>Rocks & soils Characteristics of different rocks. Formation of fossils</p>	<p>Acids & Alkalis Classifying solutions as acid/alkali/neutral Using universal indicator/litmus</p> <p>Plants Life processes (MRS GREN) Life cycles Growth Seed dispersal</p>
French	<p>Greetings Numbers 1-20 Classroom Instructions Classroom Objects and Colours Age Abode Alphabet</p>	<p>Family Animals Days and Months Numbers up to 31 Date Weather expressions</p>	<p>Numbers up to 60 Cafe items and role plays Gender (classroom objects, animals, food and drink) Dictionary work</p>
History	<p>The Stone Age and Bronze Age Historical Evidence/Sources Neolithic Period</p>	<p>Ancient Egyptians Identify Egypt/Nile Farming and the Nile</p>	<p>Chocolate History of Chocolate The Aztecs</p>

	<p>Stone Age Weapons and Tools Early Farming Beaker People/Pottery Roundhouse Stonehenge The Victorians Queen Victoria Urban and Rural life Rich and Poor Children at Work School Life Victorian Christmas</p>	<p>Pharaohs/Osiris Death/Mummies/Pyramids Gods and Goddesses Hieroglyphics Castle Visit</p>	<p>Myths/creation Gods Sacrifice Spanish Conquest</p>
Geography	<p>Little Blue Planet: Investigating Spaceship Earth</p> <ul style="list-style-type: none"> • Earth view, Mapping the world • Why do stars only come out at night? • Thank you ocean, Rivers of life • Green Earth • Buzz of life • Our Earth <p>The UK: Investigating who we are.</p> <ul style="list-style-type: none"> • What is the UK? Images of the UK • Who are we? Local and global • Who are the British? • Moving out, moving in • Changing population • The UK in the future 	<p>Weather</p> <ul style="list-style-type: none"> • Climate Zones • Climate Patterns • Weather in different places <p>Living in the Freezer</p> <ul style="list-style-type: none"> • From cold to freezing • From pole to pole • Going north and south • Arctic and Antarctic wildlife • Living in the Arctic • People in the Antarctic 	<p>Amazon Adventures: Investigating the South American Rainforest</p> <ul style="list-style-type: none"> • Where is Brazil? Who lives in Brazil? • What is the rainforest like? • How does the rainforest feed us? • Why do Brazil nuts need a friend? • How can people survive in the rainforest? • How might life change for the Caboclo people? A sustainable future for the rainforest? <p>Chocolate</p> <ul style="list-style-type: none"> • Chocolate Production - From Bean to Bar • Testing Chocolate
R.S.	<p>Worship and Festivities – How and why do Hindus celebrate Diwali?</p> <ol style="list-style-type: none"> 1. Celebrating special days 2. Introduction to Hinduism 3. Hindu Gods 4. Puja 5. Diwali story (Ramayana) 	<p>Special Places within Christianity and Christian buildings</p> <ol style="list-style-type: none"> 1. Feeling special 2. Places that are special 3. The Church Building 4. The Church as a Special Place 5. Christ Church 	<p>Why do some people think Jesus is inspirational?</p> <ol style="list-style-type: none"> 1. What was Jesus like? 2. What was written about Jesus? 3. How did Jesus describe himself? 4. Friends and enemies of Jesus 5. So what was Jesus like?

	6. What happens during Diwali/what makes it so special?	6. Norwich Cathedral	
P.S.H.E.	<p>Growing and changing</p> <ul style="list-style-type: none"> • How to manage feelings • How to celebrate achievements • Setting goals and recognising strengths <p>Keeping safe</p> <ul style="list-style-type: none"> • The importance of school health and safety rules • Strategies to keep you safe • The importance of personal safety • Risks, dangers and hazards 	<p>Healthy relationships</p> <ul style="list-style-type: none"> • How to develop and maintain healthy relationships • Acceptable and unacceptable physical contact and how to respond • How to recognise and manage dares <p>Global citizenship</p> <ul style="list-style-type: none"> • The ways in which rules and laws keep us safe • Human rights • Cultural practises and traditions 	<p>Valuing Difference</p> <ul style="list-style-type: none"> • Differences and similarities between people • How to listen and respond respectfully • Recognising and caring about other people's feelings <p>Taking care of the environment</p> <ul style="list-style-type: none"> • How do other people live around the world? • How are resources allocated? • How can we help our environment?
Games (Boys)	<p>Tag Rugby & Football</p> <p>U8 Continuum Laws 7-a-side football</p>	<p>Hockey, Football & X-Country</p> <p>Introduction to mini-hockey (indoors) Development of soccer skills On-site X-Country course</p>	<p>Cricket</p> <p>Introduction to basic skills for pairs cricket (incrediball)</p>
Games (Girls)	<p>Hockey</p> <ul style="list-style-type: none"> • Basic stick skills • Passing • Tackling • 7 v 7 • Fitness 	<p>Netball</p> <ul style="list-style-type: none"> • All skills • Footwork • 1st Stage Marking • 7 v 7 • Fitness 	<p>Rounders+Tennis</p> <ul style="list-style-type: none"> • Basic throwing and catching • Basic batting skills • Full game (with a few vital rules) • Basic racket and ball skills • Fitness
PE	<p>Swimming: Introduction and development of the basic techniques for front crawl, backstroke and breaststroke. Development of submerging, diving and jumping</p> <p>Gymnastics: Learn to exercise good control and body shape when performing basic rolls and balances.</p>	<p>Mini Tennis: Correct grip and stance, co-ordination development through racquet position.</p>	<p>Athletics: Introduction to basic running, jumping and throwing techniques Understand concept of 'personal best.'</p>
Computing	<p>Term 1 Timelines. A group task, tracking the technical developments of console history.</p> <p>Term 2 Crystal rainforest. Building on knowledge of Scratch in an online game.</p>	<p>Term 3 Scratch. Building a maze game with levels in Scratch.</p> <p>Term 4 STEM task, designing technology for the future</p>	<p>Term 5 Wizards Apprentice. The basics of spreadsheets</p> <p>Term 6 Code Kingdoms, Learning how interactive elements work in an online game</p>

Music	Descriptive Music (Part 1) The study of 'Carnival Of The Animals' and 'Vltava'. Using graphic scores to create animal sound effect and nature scenes. Performance of extracts from the set works on tuned percussion. Recorder project (part 1) The study and performance of pieces using notes G A B. The composition of two part pieces within a limited note range.	Peter And The Wolf The study of Prokofiev's 'Peter And The Wolf'. The performance of extracts from the set work and creation of music to represent animal characteristics. Young Person's Guide To The Orchestra. Identifying the instruments of the orchestra. The performance of melodies from the set work and composition of texturally contrasting pieces.	Singing Games and Rounds from Around the World The study and performance of two part songs and rounds from around the world. The creation of a rainforest composition and a round using eight notes.
Drama	<p style="text-align: center;">Introduction to drama</p> <ul style="list-style-type: none"> • Drama contract • Circle games • Speaking to an audience – verse speaking • Introducing and presenting yourself (PSHE link) • Concentration games • Moving around a space • Still pictures and gestures • Feelings and gestures <p style="text-align: center;">After half term</p> <ul style="list-style-type: none"> • BBC drama unit on the Victorians (cross curricular link with history) 	<p style="text-align: center;">Telling stories through Drama</p> <ul style="list-style-type: none"> • Acting out a simple story (could include an occasion where they had to say sorry-link with PSHE) Retelling a traditional story using some of the techniques of physical theatre	<p style="text-align: center;">Using a script</p> Scene from 'The Odyssey' (cross-curricular link with history - Greeks) <ul style="list-style-type: none"> • Status and levels • Creation of scene (boat/storm/sea) using some techniques of physical theatre • Creation of sound effects using voice • Positions on stage (Upstage, Downstage, Centre, Stage Left, Stage Right) • Creating a character
DT	Rod Puppets/ Photo Frames	Balloon Powered Dragsters	Buildings for Toys
Art	Introduction to Art in the Prep Department. Investigating different media and learning routines.	Still life and Investigating Patterns	Landscapes and Portraying Relationships