

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	<p>Number and place value – recognising the place value of each digit in a two digit number. Comparing and ordering numbers from 0 – 100</p> <p>Using place value and number facts to solve problems.</p> <p>Using concrete apparatus partition two digit numbers into tens and ones. E.g. $22 = 20 + 2$</p> <p>Comparing and ordering numbers from 0 up to 100, using <, > and = signs.</p> <p>Recall and use addition facts to 20 <u>fluently</u></p> <p>Addition – two digit numbers to ones; tens; -adding two two digit numbers. -adding three one digit numbers. -include bridging the 10s boundary -Solve problems with addition using pictorial and concrete apparatus</p> <p>Subtraction - two digit numbers to ones; tens; -subtracting two two digit numbers. -subtracting three one digit numbers. -include bridging the 10s boundary</p> <p>Recognise and use the inverse relationship between addition and subtraction</p>	<p>Multiplication and division- record facts for 2's, 5's and 10's. Solve problems.</p> <p>-Model and teach multiplication sentences through: materials, arrays, repeated addition, multiplication facts and mental methods.</p> <p>Show multiplication of two numbers can be done in any order (commutative) -Apply- solve problems involving multiplication using the strategies above, including problems in context.</p> <p>-Model and teach division sentences including signs and calculate answers. -Recap that multiplication of two numbers can be done in any order (commutative) and division of one number by another number cannot. -Apply- solve problems involving division using the strategies above, including problems in context.</p> <p>Time – Compare and sequence intervals of time. Tell and write the times to 5 minutes, including quarter past to the hour Draw hands on a clock face, know the number of minutes in an hour and number of hours in a day.</p> <p>Statistics – Interpreting and constructing pictograms, tally charts, block diagrams and simple tables.</p> <p>Read intervals 1,2,5,10.</p>	<p>Place value and number – ordering numbers, comparing numbers. – ordinal numbers, odd and even, shape sequences, number sequences.</p> <p>Addition and Subtraction Using the inverse to aid understanding.</p> <p>Adding/subtracting numbers and solving problems using concrete objects, pictorial representations, and mentally, and written methods including: -A two-digit number and ones -A two-digit number and tens -Two two-digit numbers</p> <p>-Adding three one digit numbers</p> <p>Fractions- recognise, find, name and write, $1/3, 1/4, 2/4, 3/4$ Write simple fractions e.g. one half of 6 is 3.</p> <p>.Money – coins and amounts, totals, changes, investigation with money, money problems - recognising and using symbols for pounds and pence. Combining amounts to make a value. Finding different combinations of coins that equal the same amount of money. Solve problems using addition and subtraction including giving change.</p>	<p>Multiplication and division- record facts for 2's, 5's and 10's. Solve problems.</p> <p>- Multiplication through: materials, arrays, repeated addition, multiplication facts and mental methods. -Apply- solve problems involving multiplication using the strategies above, including problems in context.</p> <p>-Division -Apply- solve problems involving division using the strategies above, including problems in context.</p> <p>-Add and subtract 2 two-digit numbers within 100 (e.g. $48 + 35$); encouraging mental calculation -Recognise and use the inverse -Solve missing number problems. (e.g. $\Delta - 14 = 28$) -use estimation to check that their answers to a calculation are reasonable</p> <p>Understanding mass and capacity – investigating and exploring.</p> <p>Measurement – units of measure – length and temperature</p> <p>Shape 2d and 3d shape and symmetry – identifying lines of symmetry. Understanding shape properties. Sorting shape. Investigating shape</p> <p>Geometry – 2d shape – properties of 2d shapes 3d shape - properties of 3D shapes. Identifying lines of symmetry</p>	<p>Geometry – position and direction use mathematical words to describe position, direction and movement know what a right angle is describe a quarter turn describe a half turn describe a three – quarter turn show anti – clock wise/clockwise</p> <p>Shape 2d and 3d shape and symmetry – identifying lines of symmetry. Understanding shape properties. Sorting shape. Investigating shape</p> <p>Geometry – 2d shape – properties of 2d shapes 3d shape - properties of 3D shapes. Identifying lines of symmetry</p> <p>Understanding mass and capacity – -Comparing and ordering using <, > and = -Read scales in divisions of ones, twos, fives and tens in a practical situation where all numbers on the scale are given -Solving problems</p> <p>Statistics – Interpreting and constructing pictograms, tally charts, block diagrams and simple tables.</p> <p>Fractions- recognise, find, name and write, $1/3, 1/4, 2/4, 3/4$ Write simple fractions one half of 6 is 3.</p>	<p>Work decided based on needs of cohort.</p> <p>4 operations Number; Recap, revisit and revise based on assessed needs identified.</p> <p>Geometry – position and direction</p> <p>Number – Multiplication - apply/reasoning and problem solving.</p> <p>Develop multiplication tables knowledge to secure EXS+ (2/5/10) and begin to explore tables beyond these (x3 x4)</p> <p>Time – Compare and sequence intervals of time. Tell and write the times to 5 minutes, including quarter past to the hour Draw hands on a clock face, know the number of minutes in an hour and number of hours in a day</p>

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Science	Hyacinth Plant project. Living things and their habitats	Hyacinth Plant project. Living things and their habitats.	Everyday Materials	Plants	Animals, including humans	Animals, including humans
Computing	Digital Literacy E – safety ICT - Publishing - word	ICT - Publishing - word	ICT – Multimedia - Kandinsky – Word and Paint 3D	ICT – Multimedia - Comic Life	Data – pictograms and bar graphs	Computer Science – Programming Bee Bots and Scratch
History		Florence Nightingale			Castles	Great of London
Geography	Weather/Pollution Fieldwork, Digital/computer Mapping weather patterns – daily and seasonal		Katie Morag – Welcome to Coll Fieldwork, Digital/computer Mapping weather patterns – daily and seasonal	India Fieldwork, Digital/computer Mapping weather patterns – daily and seasonal Continents/Oceans		
Art	Drawing- A Bug's Life!	Drawing/Collage of Florence Nightingale	Painting	Painting	Sculpture	Sculpture
DT		Moving Vehicles		Puppets		Winding Mechanisms
RE	Symbols Harvest- bread as a symbol	Symbol of light Advent & Diwali (Sikh aspect)	Sacred Bible & Guru Granth Sahib Jesus as a story teller, Sikh stories	Changing emotions :sadness to happiness Easter Story	Ritual Water	Creation Christian and Sikh stories
PSHE	Belonging/school rules	Being Happy/Looking after myself	What makes me special	Relationships and feelings	Good citizen award	Good citizen award Transition
PE	Team Games Weather Dance	Football Gymnastics	Tennic Country Dancing	Cricket India Dance	Hockey Gymnastics	Athletics Cheerleading
Music	Percy the Parkkeeper	How long...?	Beat and rhythm	Pitch	Castles – singing and composing	Great Fire of London – tuned instruments