

Hunnyhill - Year 2 2021-2022 Yearly Maths Overview - Recovery

Term	Estimated duration	Domain	Strands
Autumn 1 6 weeks +3 days	13 lessons	Number and place value (Link to measures and money)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Continue to extend counting skills – counting in ones, forwards and backwards to 100 (to or from any given number) Understand what each digit represents in two –digit numbers and represent these numbers with structured resources Represent, count, read and write numbers to 100 in numerals Know “one more” and “one less” than any number to 100. Recognise and count in multiples of 2, 5 and 10 (Daily counting) Read and write numbers to 10 in words
	10 lessons	Addition and subtraction (Link to measures)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> <u> </u> <i>Daily counting in 2s, 5s and 10s</i> Understand the + - and = symbols and what they represent. Know and recall number bonds to 10. Know and recall number bonds to 20, applying knowledge of number bonds to 10. Add/subtract one from any 2-digit number using a structured number line and practical resources for support. Add/subtract ten from any 2-digit number using a structured number line and practical resources for support.
	10 lessons	Fractions (Link to geometry)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Recognise and find halves of shapes and objects using practical resources and understanding that it is one of two equal parts. Recognise and find halves of quantities using practical resources and understanding that it is one of two equal parts. Recall halves of numbers to 20 Recognise and find quarters shapes and objects using practical resources and understanding that it is one of four equal parts. Recognise and find quarters of quantities using practical resources and understanding that it is one of two equal parts. Record halves and quarters as $\frac{1}{2}$ and $\frac{1}{4}$
Autumn 2 7 weeks	10 lessons	Multiplication and division (Link to money)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Verbally count in multiples of twos, fives and tens (forwards and backwards) and explore patterns in these multiples. Make connections between arrays, number patterns and counting in twos, fives and tens through repeated addition Solve problems involving grouping and sharing small quantities. Know doubles and halves of numbers within 20.



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	10 lessons	Number and place value (Link to measures)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> • Daily counting in 2s, 5s and 10s • Counting in ones, forwards and backwards to 100 (to or from any given number). • Represent, count, read and write numbers to 100 in numerals. • Read and write numbers to 20 in words • Understand what each digit represents in two –digit numbers and represent these numbers with structured resources. • Know “one more” and “one less” than any number to 100 • Compare numbers and quantities, using the language of equal to, more than, less than (fewer), most, least <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> • Write numbers to 50 in words. • Begin to develop estimation skills of numbers below 100, using grouping in tens to check. • Begin to compare and order numbers to 100, using $<$, $>$ and $=$ symbols.
	10 lessons	Addition and subtraction (Link to measures)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> • Understand the + - and = symbols. • Know and recall number bonds to 20, applying knowledge of number bonds to 10 and use knowledge of number bonds to begin to add some numbers mentally. • Add/subtract using jumps of ten and one using a structured number for support. <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> • Begin to use known addition and subtraction facts to 20 to generate new known facts to 100 • Add/subtract two digit numbers and ones (not bridging ten) • Add/subtract multiples of ten mentally by applying knowledge of addition and subtraction facts to 10 (e.g. $3+5=8$ and $30+50=80$) • Use a number line to support mental strategies for addition – jumping in steps of ten and one. • Explore the relationship between addition and subtraction – begin to use the inverse operation as a checking strategy for the above methods.
	5 lessons	Geometry	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> • recognise and name common 2-D shapes including: rectangles, squares, circles and triangles • recognise and name common 3-D shapes for example, cuboids, cubes, pyramids and spheres
Spring 1 7 weeks	10 lessons	Measures – Time (Link to fractions)	<p style="text-align: center;"><u>Y1 Measures</u></p> <ul style="list-style-type: none"> • Sequence events in chronological order (using the language before, after, next, first, today, tomorrow) • Recognise and use language related to times and dates (including days of the week, months, years) • Tell the time on an analogue clock to the hour. • Tell the time on an analogue clock to half past the hour <p style="text-align: center;"><u>Y1 Geometry – position and direction</u></p> <ul style="list-style-type: none"> • Introduce and investigate the concept of rotation or “turn” – in relation to angle as a movement. • Describe position, direction and movement, including whole and half turns. (Link to hands on a clock)

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	10 lessons	Measures – length, mass/capacity (Link to place value)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Solve practical problems involving comparing length, mass and volume using mathematical language (e.g. heavy/light, heavier than, lighter than, full, empty, more than, less than, longer, shorter). Begin to record measures of length, mass and capacity. <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Understand the appropriate tool for measuring different units of measure Compare and order lengths, mass and capacity and record the results using $>$, $<$ and $=$ (link to Place Value) Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm);
	15 lessons	Addition and subtraction (Link to measures)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Recap on number bonds to 10 and 20 Solve missing number problems, linked to number bonds to 10 and 20 (using practical and pictorial representations) <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Apply knowledge of number bonds to 10 and 20 to number bonds to 100 (Link to measures) Add/subtract multiples of ten mentally by applying knowledge of addition and subtraction facts to 10 (Link to measures) Confidently use a number line to add and subtract two 2 digit numbers, using jumps of ten and one or multiples of ten and one, and bridging through ten (Link to measures) Add/subtract three single digit numbers using mental strategies (Link to measures) Use the inverse operation as a checking strategy for missing number problems Continue to refine addition and subtraction strategies, using mental skills and strategies (for example bridging through 10 using number bonds and partitioning)
Spring 2 6 weeks	10 lessons	Measures – Money (Link to multiplication and division and addition and subtraction)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> <i>Daily counting in 2s, 5s and 10s (link to coins)</i> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value (Link to addition and subtraction) Find different combinations of coins that equal the same amounts of money (Link to addition and subtraction) Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change (Link to addition and subtraction) Solve simple problems in a practical context involving multiplying and dividing of money of the same unit
	10 lessons	Multiplication and division (Link to money)	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Make connections between arrays, number patterns and counting in 2s, 5s and 10s <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Continue counting in steps of 2, 5 and 10 forwards and backwards Recognise patterns when counting 2, 5 and 10.



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			<ul style="list-style-type: none"> Solve problems involving counting in steps of 2, 5 and 10. (Link to money) Continue to solve problems involving grouping and sharing using practical apparatus and pictorial representations. For children that are secure with repeated addition and subtraction, begin to introduce the \times and \div symbols to represent multiplication and division. Teacher to model the concept of the symbols using concrete apparatus and pictorial representations.
	5 lessons	Geometry – properties of shape	<p style="text-align: center;"><u>Y1</u></p> <ul style="list-style-type: none"> Recognise and name 2D and 3D shapes in a range of orientations and sizes <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Identify and describe the properties of a range of 2D shapes (including irregular shapes) – including number of sides and line symmetry. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Compare and sort 2D and 3D shape according to different criteria Order and arrange combinations of mathematical objects in patterns and sequences
	5 lessons	Statistics (Link to place value and addition)	<p style="text-align: center;">Not included in year 1 curriculum</p> <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity (Link to Place Value) Ask and answer questions about totalling and comparing categorical data (Link to Place Value)
Summer 1 4 weeks 4 days (bank holiday) (SATS)	10 lessons	Fractions (Link to division)	<p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Recognise and find halves and quarters shapes and objects and quantities using practical resources and understanding that it is one of two or four equal parts. (Link to division) Know doubles and halves of numbers to 20. Introduce $\frac{3}{4}$ as the first non-unit fraction (Link to measures) Begin to explore the concept of equivalence – such as $\frac{2}{4}$ is equivalent to $\frac{1}{2}$. Make connections to “time” (half past, quarter past etc.)
	5 lessons	Measures – Time (Link to fractions)	<p style="text-align: center;"><u>Y1</u></p> <p>Describe position, direction and movement, including whole, half, quarter and three-quarter turns (Link to hands on a clock)</p> <p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none"> Compare and sequence intervals of time Recap on reading and writing time on an analogue clock ‘on the hour’ and ‘half past the hour’ Introduce reading and writing the time to quarter past and quarter to the hour For those that are secure with quarter to/past, begin to read the time to the nearest five minutes (Link to 5 times table)



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	9 lessons	Number and place value (Link to measures)	<p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none">Counting in 2s 5s and 10s forwards and backwardsPractice counting in 3's forwards and backwards, using a class number line for supportRecognize the place value of each digit in a two-digit number.Identify, represent and estimate numbers using different representations, including the number lineConfidently compare and order numbers to 100, using $<$, $>$ = symbols correctly.Read and write numbers to 100 in numerals and wordsUse knowledge of place value and quickly recalled number facts to solve problems apply to investigations
Summer 2 7 weeks	10 lessons	Geometry - shape	<p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none">Identify 2-D shapes on the surface of 3-D shapes, for example a circle on a cylinder and a triangle on a pyramidCompare and sort common 2-D and 3-D shapes and everyday objects, recognising and describing their properties.Use mathematical vocabulary to describe position, direction and movement (quarter, half and three quarter turns)Continue to use and apply knowledge of quarter, half and three-quarter turns (clockwise and anti-clockwise)
	10 lessons	Multiplication and division (Link to measures and money)	<p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none">Use known multiplication and division facts for 2, 5 and 10 times tables to solve problems.Use known multiplication facts to derive new known division facts.Solve problems involving multiplication and division, include problems in contexts and measures.
	15 lessons	Addition and subtraction (Link to measures)	<p style="text-align: center;"><u>Y2</u></p> <ul style="list-style-type: none">Solve a range of addition and subtraction problems, choosing a suitable strategy based on the numbers involved (mental methods, number line jottings)Confidently apply known and quickly recalled facts to addition and subtraction calculationsAdd and subtract numbers using concrete objects, pictorial representations and mental methods, including a two-digit number and ones, a two digit number and tens, two two-digit numbers and adding three one-digit numbers.Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.Confidently solve problems using addition and subtraction within 100