



Maths Curriculum Map

Reception

Summer	Spring	Autumn	Week
Doubling & Halving	Number recognitio		1
Subtractio n	Number 6	Assessments	2
Subtractio n	3D Shapes		3
Measurem ent:	Number 7		4
Consolidati on	Number 8		Baking maths
Subtractio n	Ordinal Numbers	Gingerbrea d man	6
Tally Charts	Number 9	Autumnal patterning	7
Days of the week	Number 10	Sorting	8
Measurem ent:	Assessmen ts	Number 1	9
Measurem ent:	Recall	Number 2	10
Symmetry	Addition & Doubling	Number 3	11
	Halving	Number 4	12
		Number 5	13
		2D Shapes	14



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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Transition Visits	Maths assessments – colours, numbers, number ordering, counting objects, counting spots, counting 1:1, shapes, sorting, patterning. Number rhymes Daily routine Independent writing of numbers assessment			Baking bread In groups bake bread rolls What do we use a weighing scale for? How does it work? How much do we need? How do we know when we have enough?	Gingerbread man buttons Add the right number of buttons to the Gingerbread man Can children count carefully with 1:1 correspondence? Match numbers to objects?	Autumnal patterning Using Autumn resources of conkers, sycamores, leaves etc encourage the children to make a repeating pattern Can children make a pattern independently? What type of pattern do they make?
Autumn 2	Autumn sorting As a group sort Autumn objects found. Sort for type, shape, colour, size. Match number of objects to number labels. Can children sort for a given criterion? Think of their own criteria? Count accurately?	Number 1 Introduce number 1 – quantity, shape, with 1 side, numicon, 1p, 1 o'clock, Practise forming number 1 Can children.. Identify 1? Find 1 object? Count 1? Identify 1 on numicon? Identify a shape with 1 side? <i>Venn diagram for eye / hair colour</i>	Number 2 Introduce number 2 – quantity, numicon, 2p, 2 o'clock, how we can make 2. Practise forming number 2 Can children Identify 2? Find 2 objects? Count 2? Identify 2 in numicon? Find ways of making 2?	Number 3 Introduce number 3 – quantity, numicon, 3p, 3 o'clock, how we can make 3. Practise forming number 3 Can children Identify 3? Find 3 objects? Count 3? Identify 3 in numicon? Find ways of making 3? <i>Paper chains</i> Make repeating pattern paper	Number 4 Introduce number 4 – quantity, shapes, numicon, 4p, 4 o'clock, how we can make 4. Practise forming number 4 Can children Identify 4? Find 4 objects? Count 4? Identify 4 in numicon? Find ways of making 4? Sort shapes with 4 sides into 2 groups?	Number 5 Introduce number 5 – quantity, shapes, numicon, 5p, 5 o'clock, how we can make 5. Practise forming number 5 Can children Identify 5? Find 5 objects? Count 5? Identify 5 in numicon? Find ways of making 5?	2D shapes Sort a collection of 2d shapes – circle, semi-circle, triangle, rectangle, pentagon. Discuss the number of corners, sides, straight sides, curved sides. Play guess the shape Draw round the shapes to make a picture. 2d shape hunt outdoors IWB – shapes to make a picture.



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		Each child to contribute to the venn diagram by colouring a square Which colour is most popular / least popular? How do you know? How many have...?		chains to be used as Christmas decorations Think of their own repeating pattern? Create a repeating pattern?			Can children name the 2d shapes? Sort the shapes? Describe the shapes using appropriate language? Describe the shapes using appropriate language?
Spring 1	<p>Number recognition and ordering Use a number line to recognise and order numbers 1-10 and then 10-20. Recognise numbers? Order numbers correctly?</p> <p><i>1 more / 1 less</i> Use the number line and fingers to explore 1 more and 1 less. Can children say 1 more / 1 less than a given number?</p>	<p>Number 6 Introduce number 6 – quantity, shapes, numicon, 6p, 6 o'clock, how we can make 6. Practise forming number 6 Can children Identify 6? Find 6 objects? Count 6? Identify 6 in numicon? Find ways of making 6?</p> <p>Number recognition and ordering Use a number line to recognise and order numbers 1-10 and then 10-20. Count up and down.</p>	<p>3d shapes Sort a collection of 3d shapes – sphere, cube, cuboid, cone and cylinder. Discuss the number of faces, vertices / corners, flat faces, curved faces, whether it can roll / stack. Play guess the shape from the description clues. 3d shape hunt at home – sort and classify. Colouring sheet – identify the 3d shapes in a picture and colour Home learning 3d shape challenge.</p>	<p>Number 7 Introduce number 7 – quantity, shapes, numicon, 7p, 7 o'clock, how we can make 7. Practise forming number 7 Can children Identify 7? Find 7 objects? Count 7? Identify 7 in numicon? Find pairs of numbers making 7?</p> <p>Addition Introduce the children to the addition and equal signs and what they mean. Model how to read a number sentence</p>	<p>Number 8 Introduce number 8 – quantity, shapes, numicon, 8p, 8 o'clock, how we can make 8. Practise forming number 8 Can children Identify 8? Find 8 objects? Count 8? Identify 8 in numicon? Find pairs of numbers making 8?</p> <p>Subtraction Introduce the children to the subtraction and equal signs and what they mean. Model how to read a number sentence</p>	<p>Ordinal numbers Through the Emperors Race story, introduce the children to the concept of ordinal numbers. Can children identify the ordinal position and use the language appropriately to describe a position?</p>	



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		Recognise numbers? Order numbers correctly? Count forwards to 20? Count backwards from 20?		and then solve practically – could also use a 10 frame to help solve. Can children read the number sentence? Understand what they have to do? Solve the sum practically?	and then solve practically – could also use a 10 frame to help solve. Can children read the number sentence? Understand what they have to do? Solve the sum practically?		
Spring 2	<p>Number 9 Introduce number 9 – quantity, shapes, numicon, 9p, 9 o'clock, how we can make 9. Practise forming number 9 Can children Identify 9? Find 9 objects? Count 9? Identify 9 in numicon? Find pairs of numbers making 9?</p> <p>Counting in 2s Introduce the children to the idea of not just counting in 1s, we can also count in 2s (and more). Model how to do this. Children</p>	<p>Number 10 Introduce number 10 – quantity, shapes, numicon, 10p, 10 o'clock, how we can make 10. Practise forming number 10 Can children Identify 10? Find 10 objects? Count 10? Identify 10 in numicon? Find pairs of numbers making 10?</p> <p>Tallest / shortest Longest / shortest Using smart notebook / objects introduce the children to the concepts of tallest / longest / shortest</p>	<p>Maths assessments – recognise numbers 0-10/20 and order. Say 1 more / 1 less than the given number?</p> <p><i>Inputs</i> Order numbers to 20 and count forward and backwards. Practise addition using fingers Practise subtraction using fingers Find pairs of numbers that make a specific total. Can children show they understand addition / subtraction? Recognise and order numbers</p>	<p>Warm up activities Practise recalling and identifying the teen numbers. Look at what the numbers look like when they are made out of numicon and what that means for the value of the number. Can children recognise the numbers? Understand the place value? Understand how the numicon is used?</p> <p>Addition Tell addition stories that can be solved with fingers / pictures and model.</p>	<p>Addition and Doubling Continue learning about the part/whole method for addition, working within 10. Model it – use numicon to represent the first number. Children who can do this to extend to putting the first number in their head. Children to have a go at solving additions using the part /whole method. Can children understand how this method works? Count on? Solve sums</p>	<p>Halving Introduce halving – sharing between 2 people and link this back to how we found out about odd / even numbers. Practise halving practically. Make Easter nests and practise halving.</p>	



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	<p>then to have a go – to 10 and then 20. Can children group items into 2s and then count accurately?</p> <p><i>Odd / Even numbers</i> Introduce odd / even numbers link to sharing and numicon Can children discover if a number is odd / even and explain why?</p>	<p>to describe size rather than biggest and smallest. Children to practise identifying and describing objects. Can children identify the tallest, shortest, longest object? Can children describe the tallest / shortest / longest object?</p> <p><i>Prepositional language</i> Using smart notebook / objects introduce the children to the concept of language to describe position – on, under, next to, behind, in. Children to draw a treasure map by following the language accurately. Children to practise identifying and describing position. Can children describe position</p>		<p>Introduce the children to the part/whole method for addition, working within 10. Model it. Children to have a go at solving additions using the part /whole method. Can children understand how this method works? Count on? Solve sums independently within 10?</p>	<p>independently within 10?</p> <p>Introduce the children to the idea that doubling can take place with numbers or items. It's getting the same again. Link this into addition and counting on.</p>		
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		and identify position?					
Summer 1	<p>Doubling / Halving Recap doubling – having the same number and adding it. Recap halving – sharing between 2 people and link this back to how we found out about odd / even numbers. Practise halving practically. Can children double / halve quantities? Use the associate language correctly?</p>	<p>Subtraction Tell subtraction stories that can be solved with fingers / pictures and practically model. Introduce the children to the part/whole method for subtraction, working within 10. Model it. Children to have a go at solving subtraction problems practically and pictorially Can children understand how this method works? Solve sums independently within 10?</p>	<p>Subtraction Recap the subtraction strategies taught from previous week – pictures / objects / fingers. Introduce counting back to find the answer when subtracting using practical resources. Extend this to fingers if appropriate. Can children subtract by counting back using resources? Using their fingers? Work with numbers to 10? Work with numbers beyond 10?</p>	<p>Measuring using nonstandard measures Recap tallest / shortest / longest. Introduce the concept that we can make a numerical comparison for height / length. Show children how to use nonstandard measures to be able to compare. Children to have a go at measuring the height / length using resources. Discuss the fact that resources need to be uniform in size. Can children measure their bean plant using cubes? Make comparisons and explain why? Measure other objects / furniture around the room using non standard measures and make comparisons?</p>	Consolidation Week	<p>Subtraction Recap the subtraction strategies taught from previous weeks – pictures / objects / fingers. Recap counting back to find the answer when subtracting using practical resources. Extend this to fingers if appropriate. Can children subtract by counting back using resources? Using their fingers? Work with numbers to 10? Work with numbers beyond 10?</p>	Consolidation Week



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<p>Summer 2</p>	<p>Tally charts Introduce the children to the concept of keeping a tally to find out how many. Create a class tally chart showing favourite colour. Model the tally and the 'closing the door' for 5. Children to complete a tally chart by asking their peers about favourite fruits. Children to interpret tally chart. Can children complete a tally chart correctly? Interpret the data from a tally chart correctly?</p> <p>Repeating patterns Recap what a repeating pattern is and how we create a repeating pattern. Children to use a selection of fruit to create their</p>	<p>Days of the week and timings Introduce the children to the days of the week using the 'days of the week song' Practise ordering the days correctly. Which day comes before / after? If today is Monday what will it be in 3 days time? Discuss what happens in school on different days of the week. Discuss the children's daily routines – what do they do before, at, after school etc. Can events be sequenced correctly? Recap making o'clock and what happens at specific times of day.</p> <p>Activities - possibilities – Days of the week puzzle, sticking days of the week in order /</p>	<p>Money Introduce the children to money and the concept of using money to purchase something. Introduce 1p and 2p coins and discuss value. Introduce 5p and 10p coins. Use IWB to put amounts in a money bank – how much is there? Create specific amounts too Possible activities – sort coins for type, give an amount and can children calculate how much there is – 1p, 2p coins ext 5p and 10p. Children to explore creating amounts using 1p, 2p. 5p and 10p. Can children recognise coins? Sort coins? Calculate a specific amount to 10p? Create an amount to 10p at least?</p>	<p>Weight Introduce the children to the concept of measuring weight and being able to make a direct comparison. Explore with the children how a balance works and the concept that not all big things are heavy and that small things are light. When things weigh the same the balance doesn't go up or down. Also explore how you can make comparisons using cubes. The cup weight 4 cubes, the pencil weighs 2 cubes. 4 is greater than 2 so the cup is heavier. (EXT if appropriate) Children to explore the balance making predictions about which item will be the heaviest / lightest, using the appropriate</p>	<p>Symmetry Use butterflies to introduce the concept of symmetrical patterns. What makes a pattern symmetrical? Use butterfly picture / multi link to make a symmetrical pattern Children to use peg boards to make a symmetrical pattern one by one and then extend. Complete the symmetrical sheet / be given a full pattern to make symmetrical Can children create a pattern which is symmetrical?</p>	<p>Symmetry Use butterflies to introduce the concept of symmetrical patterns. What makes a pattern symmetrical? Use butterfly picture / multi link to make a symmetrical pattern Children to use peg boards to make a symmetrical pattern one by one and then extend. Complete the symmetrical sheet / be given a full pattern to make symmetrical Can children create a pattern which is symmetrical?</p>	
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	<p>own repeating patterns. Can children create an accurate repeating pattern?</p>	<p>which day comes next sheet, daily routine worksheet. Can children order the days of the week? Use the language associated with time correctly? Understand what they do at different times of the day?</p>		<p>language and testing fairly. Can children make a prediction? Use the balance appropriately? Use language correctly?</p> <p>Capacity With see-through containers use beads/coloured water/pasta to introduce capacities (full/empty/half full/nearly empty). Encourage the children to fill containers to given amounts. Ask children to describe how full the container is using the appropriate language. Can children fill the containers to the given amount? Describe how full the container is?</p>			
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Year 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number: Place value (within 10)				Number: Addition and subtraction (within 10)						Consolidation	Number: Place value (within 20)		Geometry: Shape
Spring	Number: Addition and subtraction (within 20)				Number: Place value (within 50)				Number: Addition and subtraction word problems		Number: Multiplication and division			
Summer	Number and shape: Fractions	Number: Place value (within 100)		Geometry: Position and direction		Consolidation	Measure: Length & height	Measure: Mass and Volume		Measure: Money	Measure: Time			

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Number formation and number checks Number formation to 10 Order and sequence numbers to 10	Numbers to 10 Counting to 10 Counting objects to 10	Numbers to 10 Writing numbers to 10 Writing numbers to 10 as words	Numbers to 10 Number zero Comparing numbers of objects within 10 Ordering numbers within 10 Comparing numbers within 10	Number bonds within 10 Making number bonds Making number stories White Rose end of block assessment Place value within 10	Addition within 10 Add by using number bonds Add by counting on Completing number sentences	Addition within 10 Making addition stories Solving picture problems



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				Review 1 - Numbers to 10			
Autumn 2	Subtraction within 10 Subtract by crossing out Subtract by using number bonds	Subtraction within 10 Subtract by counting back Making subtraction stories	Subtraction within 10 Solving picture problems Addition and subtraction	Revisit and review White Rose end of block assessment – Addition and subtraction within 10	Numbers to 20 Counting to 20 Writing to 20 Comparing numbers to 20	Numbers to 20 Ordering numbers to 20 Number patterns to 20	Shapes and patterns Recognising solids Recognising shapes Grouping shapes Making patterns
Spring 1	Addition and subtraction within 20 Add by counting on Add by making 10	Addition and subtraction within 20 Add by adding ones Subtract by counting back	Addition and subtraction within 20 Subtract by subtracting ones Subtract from 10	Addition and subtraction within 20 Addition and subtraction facts White Rose end of block assessment - Place value to 20	Numbers to 50 Counting to 50 Writing numbers to 50	Numbers to 50 Counting in Tens and Ones Comparing numbers	Numbers to 50 Finding how much more Making number patterns
Spring 2	Numbers to 50 Finding how much more Making number patterns White Rose Assessment – Numbers to 50	Addition and subtraction words problems Solving word problems	Addition and subtraction words problems Solving word problems	Multiplication Making equal groups Adding equal groups Making equal rows	Multiplication Making doubles Solving word problems	Division Grouping equally Sharing equally	
Summer 1	Fractions Making halves Making quarters Sharing and grouping	Numbers to 100 Counting to 100 Finding tens and ones Comparing numbers	Numbers to 100 Making number patterns White Rose Assessment – Numbers to 100	Positions Naming positions in Queues Naming positions Naming left and right positions	Space Describing positions Describing movements Making turns		
Summer 2	Length Comparing height and length Measuring length using things Measuring height and length using body parts and a ruler	Volume and capacity Compare volume and capacity Finding volume and capacity Describe volume using half and a quarter	Mass Comparing mass Finding mass	Money Recognising coins Recognising notes	Time Telling time to the hour Telling time to the half hour Using next, before and after	Time Estimation duration of time Comparing time Using a calendar	



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Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number and Place Value					Number: Addition and Subtraction							Consolidation & Problem Solving	
Spring	Number: Multiplication & Division						Number: Fractions			Geometry : Properties of shape		Measurement:		
Summer	Measurement: Money		Measurement: Time		Consolidation	Measurement: Length & Height		Measurement: Mass, Capacity & Temperature			Statistics		Geometry: Position &	



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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	<p>Number and Place Value To count forwards to 100 from any 2 digit number. Recognise the place value of each digit in a 2-digit number (tens, ones)</p>	<p>Number and Place Value Recognise the place value of each digit in a 2-digit number (tens, ones) Represent numbers using different representations. Use place value and number facts to solve problems.</p>	<p>Number and Place Value Recognise the place value of each digit in a 2-digit number (tens, ones) Represent numbers using different representations. Use place value and number facts to solve problems.</p>	<p>Number and Place Value Compare and order numbers from 0-100; use $<$, $>$, $=$ Compare and order numbers from 0-100; use $<$, $>$, $=$ Compare and order numbers from 0-100; use $<$, $>$, $=$ Count in steps of 2, 3, 5, 10 from 0 and any number forwards and backwards.</p>	<p>Number and Place Value Count in steps of 2, 3, 5, 10 from 0 and any number forwards and backwards.</p>	<p>Number: Addition and Subtraction Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts to 100.</p>	<p>Number: Addition and Subtraction Add numbers using concrete objects, pictorial reps, and mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers
Autumn 2	<p>Number: Addition and Subtraction Add numbers using concrete objects, pictorial reps, and</p>	<p>Number: Addition and Subtraction Add numbers using concrete objects,</p>	<p>Number: Addition and Subtraction Subtract numbers using concrete objects, pictorial</p>	<p>Number: Addition and Subtraction Subtract numbers using concrete objects, pictorial</p>	<p>Number: Addition and Subtraction Subtract numbers using concrete objects, pictorial</p>	<p>Consolidation & Problem Solving Solve problems with addition & subtraction: apply</p>	<p>Consolidation & Problem Solving</p>



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	<p>mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers <p>Solve problems with addition: apply their increasing knowledge of mental and written methods.</p>	<p>pictorial reps, and mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers 	<p>reps, and mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers 	<p>reps, and mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers 	<p>reps, and mentally, including:</p> <ul style="list-style-type: none"> • a 2-digit number and ones. • a 2-digit number and 10s. • two two-digit numbers <p>Solve problems with addition: apply their increasing knowledge of mental and written methods.</p>	<p>their increasing knowledge of mental and written methods.</p>	<p>Solve problems with addition & subtraction: apply their increasing knowledge of mental and written methods.</p>
Spring 1	<p>Number: Multiplication & Division</p> <p>Multiplication as equal groups</p> <p>2 times table</p> <p>5 times table</p> <p>10 times table</p>	<p>Number: Multiplication & Division</p> <p>Multiplication as equal groups</p> <p>2 times table</p> <p>5 times table</p> <p>10 times table</p>	<p>Number: Multiplication & Division</p> <p>Multiplying by 2, 5 and 10</p> <p>Problem Solving</p>	<p>Number: Multiplication & Division</p> <p>Grouping and sharing</p> <p>Dividing by 2</p> <p>Dividing by 5</p> <p>Dividing by 10</p>	<p>Number: Multiplication & Division</p> <p>Grouping and sharing</p> <p>Dividing by 2</p> <p>Dividing by 5</p> <p>Dividing by 10</p>	<p>Number: Multiplication & Division</p> <p>Multiplication and division relationships</p> <p>Problem solving</p>	
Spring 2	<p>Number: Fractions</p> <p>Equal parts of a whole</p> <p>Recognising halves and quarters</p> <p>Recognising thirds</p> <p>Recognise the numerator and denominator</p>	<p>Number: Fractions</p> <p>Equivalence in quarters, thirds and halves</p> <p>Compare and order fractions</p>	<p>Number: Fractions</p> <p>To count and place fractions on a number line</p> <p>To find fractions of quantities</p>	<p>Geometry :</p> <p>Properties of shape</p> <p>To identify properties of 2-D shapes</p> <p>To sort shapes</p> <p>To make and describe patterns using shapes</p> <p>To turn and move shapes</p>	<p>Geometry :</p> <p>Properties of shape</p> <p>To identify the properties of 3-D shapes</p> <p>To classify 3-D shapes</p> <p>To make and recognise patterns using 3-D shapes</p>	<p>Measurement:</p> <p>Money</p> <p>Writing amounts of money</p> <p>Counting money: recognising the value of coins and notes</p> <p>To exchange coins and notes</p> <p>To find totals</p>	



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<p>Summer 1</p>	<p>Measurement: Money Writing amounts of money Counting money: recognising the value of coins and notes To exchange coins and notes</p>	<p>Measurement: Money Writing amounts of money Counting money: recognising the value of coins and notes To exchange coins and notes To find totals To calculate change</p>	<p>Measurement: Time The concept of time Telling and writing the time to 5 minutes Placing clock hands accurately</p>	<p>Measurement: Time Finding durations of time Finding end and start times Comparing time</p>	<p>Consolidation</p>	<p>Measurement: Length & Height How and why we measure Units of measure Comparing units of measure</p>	<p>Measurement: Length & Height Measurement in the context of word problems Problem solving including addition and multiplication</p>
<p>Summer 2</p>	<p>Measurement: Mass, Capacity & Temperature How and why we measure Units of measure for mass Accurately measuring mass Comparing objects of different mass Problem solving in context</p>	<p>Measurement: Mass, Capacity & Temperature How we measure capacity/volume Comparing capacity/volume Solving problems in context</p>	<p>Measurement: Mass, Capacity & Temperature Reading temperature in Celsius Reading thermometers Estimating temperature</p>	<p>Statistics To read, interpret and construct pictograms To read, interpret and construct tally charts To read, interpret and construct block diagrams</p>	<p>Statistics To read, interpret and construct simple tables To solve problems involving statistics To compare different statistics</p>	<p>Geometry: Position & Direction To order and arrange mathematical objects in patterns and sequences To use mathematical vocabulary to describe position, direction and movement</p>	



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Year 3

	Wee k 1	Wee k 2	Wee k 3	Week 4	Week 5	Week 6	Week 7	Wee k 8	Wee k 9	Wee k 10	Wee k 11	Wee k 12	Wee k 13	Wee k 14
Autumn	Number and Place Value			Addition and Subtraction						Multiplication and Division				Consolidati on week
Spring	Multiplication and Division			Measurment: ent:	Statistic s	Measurement : Length and Perimeter		Fractions			Consolidati on week			
Summer	Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity			Consolidati on week		



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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Number Place Value Hundreds, Represent numbers to 1,000, 100s, 10s and 1s	Number Place Value Number line to 1,000, Find 1, 10, 100 more or less than a given number	Number Place Value Compare objects to 1,000, Compare numbers to 1,000, Order numbers, Count in 50s	Number Addition and Subtraction Add and subtract multiples of 100, Add and subtract 3- digit numbers and ones – not crossing 10, Add 3-digit and 1-digit numbers – crossing 10	Number Addition and Subtraction Subtract a 1-digit number from a 3- digit number – crossing 10, Add and subtract 3-digit numbers and tens – not crossing 100, Add a 3-digit number and tens – crossing 100	Number Addition and Subtraction Subtract tens from a 3-digit number – crossing 100, Add and subtract 100s, Spot the pattern – making it explicit	Number Addition and Subtraction Add and subtract a 2-digit and 3-digit number – not crossing 10 or 100, Add a 2-digit and 3- digit number – crossing 10 or 100
Autumn 2	Number Addition and Subtraction Subtract a 2-digit number from a 3- digit number – cross the 10 or 100, Add two 3-digit numbers – not crossing 10 or 100, Add two 3-digit numbers – crossing 10 or 100	Number Addition and Subtraction Subtract a 3-digit number from a 3- digit number – no exchange, Subtract a 3-digit number from a 3-digit number – exchange, Estimate answers to calculations, Check	Number Multiplication and Division Multiplication – equal groups	Number Multiplication and Division Multiplying by 3, Dividing by 3, The 3 times -table	Number Multiplication and Division Multiplying by 4, Dividing by 4, The 4 times -table	Number Multiplication and Division Multiplying by 8, Dividing by 8, The 8 times -table	Number Consolidation
Spring 1	Multiplication and Division Comparing statements, Related calculations	Multiplication and Division Multiply 2-digits by 1-digit, Divide 2- digits by 1-digit (1)	Multiplication and Division Divide 2-digits by 1- digit, Scaling, How many ways?	Measurement money Pounds and pence, Converting pounds and pence, Adding money, Subtracting	Statistics Creating and interpreting pictograms, bar graphs and tables.	Measurement measuring length in mm, cm and m; converting length between mm, cm and m; comparing length	



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				money, Giving change			
Spring 2	Measurement adding and subtracting lengths; perimeter	Number Fractions unit and non-unit fractions; making a whole; tenths	Number Fractions counting in fractions; tenths as decimals; fractions on a number line	Number Fractions unit and non-unit fractions of objects; fractions of amounts	Number Fractions equivalent fractions; fraction problem solving	Consolidation	
Summer 1	Number Fractions equivalent fractions, compare and order fractions	Number Fractions adding and subtracting fractions	Number Fractions worded fraction problems	Measurement Time months of the year; hours in a day; telling the time to 'o' clock, half past, quarter past, quarter to, five-minute intervals	Measurement Time telling the time to the exact minute to and from the hour; 12-hour digital time, am/pm	Measurement Time 24-hour time; elapsed time	Geometry Angles and turns angles and turns; right angles; compare angles
Summer 2	Geometry Properties of shape draw accurately; parallel, perpendicular, horizontal and vertical lines	Geometry Properties of shape 3D shape; carroll diagrams	Measurement Mass and Capacity adding and subtracting mass; compare weight; reading scales	Measurement Mass and Capacity volume; comparing capacity and volume; adding and subtracting capacity and volume	Measurement Mass and Capacity worded problems	Consolidation	



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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Place Value To recall and use known multiplication and division facts for 6x, 7x and 9x	Place Value Recognise the place value of each digit in a 4 digit number 1000s, 100s, 10s, 1s	Place Value Find a thousand more or less than a given number Identify, represent and estimate numbers using different representations Order and compare numbers beyond 1000	<i>Robin Hood's Bay Residential</i> Count in multiples of 25 and 1000	Rounding Rounding to the nearest 10, 100 and 1000	Negative Numbers Counting backwards through zero	Revisit and review Revisit and Review
Autumn 2	Addition & Subtraction Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction Solve addition and subtraction one step problems in context	Subtraction Subtract 4 digit numbers – column method Solve problems Estimate and check	Addition and Subtraction Solve single and multistep problems in context	Assessment Week RHB Performance Perimeter Measure and calculate rectangles and rectilinear figures	Multiplication and division Multiply and divide by 10, 100, 1 and 0 Multiply by multiples of 10 and 100	Multiplication Multiply 3 numbers together Multiply 2 digits by 1 digit	Review and consolidate Christmas Maths
Spring 1	Roman Numerals Identifying symbols Roman numeral problems Translating between Roman Numerals and Arabic numbers	Multiplication and division Multiply multiples of 10 Dividing multiples of 10 Factor pairs	Multiplication and division Multiply 4 digit numbers by 1 digit Divide 4 digit numbers by 1 digit	Multiplication and division Solve problems in context	Area Find the area of rectilinear shapes	Measures Convert units of measurement	
Spring 2	Fractions What are fractions? Recognise equivalent fraction families.	Fractions Adding Fractions Subtracting fractions	Fractions Solve problems Calculate fractions of quantities	ASSESSMENT WEEK	Decimals Recognise hundredths Count in hundredths	Decimals Write decimal notation for tenths and hundredths	



Maths Curriculum Map

Summer 1	Decimals Compare number up to 2 decimal places	Decimals Divide 1 and 2 digit numbers by 10 and 100 Place value ones, tenths and hundredths	Money Calculate in Pounds and pence Solve money problems – inc decimals	Time Read write and cover digital and analogue clock	Assessment Week Catch up – strengthen time	Time Covert between 12 and 24 hour clock Convert units of time	Review and consolidate
Summer 2	Time Covert between 12 and 24 hour clock Convert units of time	Angles Identify acute, right and obtuse angles Compare angles	Polygons Compare and classify quadrilaterals and triangles	Symmetry Identify lines of symmetry	Coordinates Describe positions in first quadrants Plat points to complete shapes Translate shapes- left right up down	Data Interpret and present continuous and discrete data – bar charts and time graphs Solve sum and difference problems	



Maths Curriculum Map

Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number and Place Value			Addition and Subtraction		Statistics		Multiplication and Division			Area and Perimeter			Consolidati on week
Spring	Multiplication and Division			Fractions					Decimals and Percentages		Consolidatio n week			
Summer	Decimals			Geometry: Properties of Shape		Consolidati on week	Geometry: Position and Direction		Measurement			Consolidati on week		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
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Maths Curriculum Map

Autumn 1	Number and Place Value 1,000s, 100s, 10s and 1s Numbers to 10,000 Rounding to the nearest 10 Round to the nearest 100, 10 and 1000 Numbers to 100,000	Number and Place Value Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to 1,000,000 Counting in powers of 10	Number and Place Value Compare and order numbers to 1,000,000 Round numbers to 1,000,000 Negative numbers Roman Numerals to 1,000	Addition and Subtraction Add two 4-digit numbers-one exchange Add two 4-digit numbers- more than one exchange Add whole numbers with more than 4 digits (column method) Subtract two 4-digit numbers – one exchange Subtract two 4-digit numbers – more than one exchange	Addition and Subtraction Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	Statistics Interpret charts Comparison, sum and difference Introduce line graphs Draw line graphs Use line graphs to solve problems	Statistics Read and interpret tables Two-way tables Timetables
Autumn 2	Multiplication and Division Multiples Factors Common factors Prime numbers	Multiplication and Division Square numbers Cube numbers Multiply by 10, 100 and 1000 Divide by 10, 100 and 1000	Multiplication and Division Multiples of 10, 100 and 1000	Perimeter and Area Measure perimeter Perimeter on a grid Perimeter of rectangles Perimeter of rectilinear shapes	Perimeter and Area Calculate perimeter counting squares Area of rectangles	Perimeter and Area Area of compound shapes Area of irregular shapes	Consolidation Week
Spring 1	Multiplication and Division Multiply 2-digits by 1 digit Multiply 3-digits by 1 digit Multiply 4-digits by 1 digit Multiply 2 digits (area model)	Multiplication and Division Multiply 2-digits by 2 digits Multiply 3-digits by 2 digits Multiply 4-digits by 2 digits	Multiplication and Division Divide 2-digits by 1 digit Divide 3-digits by 1 digit Divide 4-digits by 1 digit Divide with remainders	Fractions What is a fraction? Equivalent fractions Fractions greater than 1 Improper fractions to mixed numbers Mixed numbers to improper fractions	Fractions Number sequences Compare and order fractions less than 1 Compare and order fractions greater than	Fractions Add and subtract fractions Add fractions within 1 Add 3 or more fractions	



Maths Curriculum Map

Spring 2	Fractions Add mixed numbers Subtract fractions Subtract mixed numbers Subtract-breaking the whole	Fractions Subtract 2 mixed numbers Multiply unit fractions by an integer Multiply non-unit fraction by an integer	Fractions Multiply mixed numbers by integers Calculate fractions of a quantity Fraction of an amount Using fractions as operators	Decimals and Percentages Decimals up to 2 d.p. Decimals as fractions Understanding thousandths Thousandths as decimals	Decimals and Percentages Rounding decimals Order and compare decimals Understanding percentages Percentages as fractions and decimals Equivalent FDP	Consolidation Week	
Summer 1	Decimals Understanding the relationship between fractions, decimals and percentages Adding decimals within 1 Subtracting decimals within 1 Complements to 1 Adding decimals-crossing the whole	Decimals Adding decimals with the same number of decimal places Subtracting decimals the same number of decimal places Adding decimals with a different number of decimal places Subtracting decimals with a different number of decimal places Adding and subtracting wholes and decimals	Decimals Decimal sequences Multiplying decimals by 10, 100 and 1,00 Dividing decimals by 10, 100 and 1,000	Geometry – Properties of Shape Identify angles Compare and order angles Measuring angles in degrees Measuring with a protractor	Geometry – Properties of Shape Drawing Angles and lines accurately Calculating angles on a straight line Calculating angles around a point Triangles	Geometry – Properties of Shape Quadrilaterals Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3D shapes	Consolidation Week
Summer 2	Geometry – Position & Direction Describe position Draw on a grid	Geometry – Position & Direction Lines of symmetry	Measurement: Length Kilometres Kilograms and kilometres	Measurement: Imperial Units, Time Imperial units	Measurement: Capacity What is volume? Compare volume Estimate volume	Consolidation Week	



Maths Curriculum Map

	Position in the first quadrant Translation Translation with co-ordinates	Complete a symmetric figure Reflection Reflection using co-ordinates	Millimetres and millilitres Metric units	Converting units of time Timetables	Estimate capacity		
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Maths Curriculum Map

Year 6

Autumn		Spring		Summer	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Week 13	Week 14				
Number and Place Value		Decimals		Ratio	
Addition and Division		Percentage		Algebra	
Multiplication and Division		Decimals, Fractions & Percentages		Consolidation	
Arithmetic		Measurement		SATS	
Fractions		Geometry: Properties of shapes		Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	
		Geometry: Position		Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	
		Statistics		Preparation for Key Stage 3 maths	



Maths Curriculum Map

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Number and Place Value Reading and writing numbers up to 10million (including reasoning & problem solving)	Number and Place Value Comparing and ordering numbers to 10million (including reasoning & problem solving)	Number and Place Value Rounding (including reasoning & problem solving)	Number and Place Value Negative numbers (including reasoning & problem solving)	Addition and Subtraction Adding & subtracting whole numbers up to 10million (including reasoning & problem solving)	Multiplication and Division Multiplying 4 by 2 digits Short division Variation in Common factors Common multiples Prime numbers	Multiplication and Division Consolidation Reasoning & problem solving
Autumn 2	Arithmetic (Bikeability Week) Consolidation of the four operations	Arithmetic (Bikeability Week) Order of operations Estimation	Fractions Numerator, Denominator, parts of a whole Simplifying fractions Equivalence	Fractions Fractions on a number line Comparing and ordering fractions	Fractions Fractions of amounts Finding the whole Fractions of shapes	Fractional arithmetic	Fractions Fractional arithmetic Consolidation
Spring 1	Number: Decimals Place Value Context Number lines	Number: Decimals Decimal arithmetic Reasoning & problem solving	Number: Percentages Fractions & Percentages Finding percentages of amounts Percentage change	Fractions, Decimals & Percentages Fractions to decimals Decimals to percentages	Fractions, Decimals & Percentages Equivalence Ordering	Measurement Weight Capacity Conversion of measures, reasoning and problem solving	
Spring 2	Measurement Length, Area & Perimeter Conversion of measures, reasoning and problem solving	Measurement Volume Time Conversion of measures, reasoning and problem solving Consolidation & review	Geometry: Properties of Shapes Measuring, drawing, labelling, calculating angles	Geometry: Properties of Shapes Angles in triangles Angles in quadrilaterals Reasoning & problem solving	Geometry: Position and Direction Missing coordinates Translation & reflection	Statistics Line graphs, bar charts, pie charts Calculating the mean Properties of circles SATs preparation	



Maths Curriculum Map

Summer 1	Ratio Understanding ratio & proportion SATs preparation	Algebra Algebraic rules Multi-step problems SATs preparation	Consolidation: Preparation for SATs Week Revisit and review key topics	SATs Week	Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts
Summer 2	Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	Marrick Week	Reasoning & Problem Solving, Mathematical Investigations, Maths in real life contexts	Preparation for Key Stage 3 maths	Preparation for Key Stage 3 maths	Preparation for Key Stage 3 maths	