



Dosthill Primary Academy

Mathematics Overview

AUTUMN TERM

	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
	<p>Number: Place Value within 10. *Sort objects *Count objects *Count objects from a larger group. *Represent objects *Represent numbers as words *Count on from any number *1 more *Count backwards within 10 *1 less *Compare groups by matching *Fewer, more, same *Less than, greater than, equal to *Compare numbers *Order objects and numbers *The number line</p>	<p>Number: Place Value *Numbers to 20 *Count objects to 100 by making 10s *Recognise tens and ones *Use a place value chart *Partition numbers to 100 *Write numbers to 100 in words *Flexibly partition numbers to 100 *Write numbers to 100 in expanded form *10s on the number line to 100 *10s and 1s on the number line to 100 *Estimate numbers on a number line *Compare objects *Compare numbers *Order objects and numbers</p>	<p>Number: Place Value *Represent numbers to 100 *Partition numbers to 100 *Number line to 100 Hundreds *Represent numbers to 1,000 *Partition numbers to 1,000 *Flexible partitioning of numbers to 1,000 *Hundreds, tens and ones *Find 1, 10 or 100 more or less *Number line to 1,000 *Estimate on a number line to 1,000 *Compare numbers to 1,000 *Order numbers to 1,000 *Count in 50s</p>	<p>Number: Place Value *Represent numbers to 1,000 *Partition numbers to 1,000 *Number line to 1,000 *Thousands *Represent numbers to 10,000 *Partition numbers to 10,000 *Flexible partitioning of numbers to 10,000 *Find 1, 10, 100, 1,000 more or less *Number line to 10,000 *Estimate on a number line to 10,000 *Compare numbers to 10,000 *Order numbers to 10,000 *Roman numerals *Round to the nearest 10</p>	<p>Number: Place Value *Roman numerals to 1,000 *Numbers to 10,000 *Numbers to 100,000 *Numbers to 1,000,000 *Read and write numbers to 1,000,000 *Powers of 10 *10/100/1,000/10,000 /100,000 more or less *Partition numbers to 1,000,000 *Number line to 1,000,000 Compare and order numbers to 100,000 *Compare and order numbers to 1,000,000 *Round to the nearest 10, 100 or 1,000 *Round within 100,000 *Round within 1,000,000 Addition and Subtraction</p>	<p>Number: Place Value *Numbers to 1,000,000 *Numbers to 10,000,000 *Read and write numbers to 10,000,000 *Powers of 10 *Number line to 10,000,000 *Compare and order any integers *Round any integer Negative numbers Addition, Subtraction, multiplication and division *Add and subtract integers *Common factors *Common multiples *Rules of divisibility *Primes to 100 *Square and cube numbers</p>

<p>Addition and Subtraction (within 10):</p> <ul style="list-style-type: none"> *Introduce parts and wholes *Part-whole model *Write number sentences *Fact families – addition facts *Number bonds within 10 *Systematic number bonds within 10 *Number bonds to 10 *Addition – add together *Addition – add more *Addition problems *Find a part Subtraction – find a part *Fact families – the eight facts *Subtraction – take away/cross out (How many left?) *Take away (How many left?) *Subtraction on a number line *Add or subtract 1 or 2 	<ul style="list-style-type: none"> *Count in 2s, .5s and 10s. *Count in 3s. <p>Addition and Subtraction:</p> <ul style="list-style-type: none"> *Bonds to 10 *Fact families – addition and subtraction bonds within 20 *Related facts *Bonds to 100 (tens) *Add and subtract 1s *Add by making 10 *Add three 1- digit numbers *Add to the next 10 *Add across a 10 *Subtract across 10 *Subtract from a 10 *Subtract a 1-digit number from a 2-digit number (across a 10) *10 more, 10 less *Add and subtract 10s *Add two 2-digit numbers (not across a 10) *Add two 2-digit numbers (across a 10) 	<p>Addition and Subtraction:</p> <ul style="list-style-type: none"> *Apply number bonds within 10 *Add and subtract 1s *Add and subtract 10s *Add and subtract 100s *Spot the pattern *Add 1s across a 10 *Add 10s across a 100 *Subtract 1s across a 10 *Subtract 10s across a 100 *Make connections *Add two numbers (no exchange) *Subtract two numbers (no exchange) *Add two numbers (across a 10) *Add two numbers (across a 100) *Subtract two numbers (across a 10) *Subtract two numbers (across a 100) *Subtract two numbers (across a 100) *Add 2-digit and 3-digit numbers *Subtract a 2-digit number from a 3-digit number 	<ul style="list-style-type: none"> *Round to the nearest 100 *Round to the nearest 1,000 *Round to the nearest 10, 100 or 1,000 <p>Addition and Subtraction</p> <ul style="list-style-type: none"> *Add and subtract 1s, 10s, 100s and 1,000s *Add up to two 4-digit numbers – no exchange *Add two 4-digit numbers – one exchange *Add two 4-digit numbers – more than one exchange *Subtract two 4-digit numbers – no exchange *Subtract two 4-digit numbers – one exchange *Subtract two 4-digit numbers – more than one exchange *Efficient subtraction *Estimate answers *Checking strategies 	<ul style="list-style-type: none"> *Mental strategies *Add whole numbers with more than four digits *Subtract whole numbers with more than four digits *Round to check answers *Inverse operations (addition and subtraction) *Multi-step addition and subtraction problems *Compare calculations *Find missing numbers <p>Multiplication and Division A</p> <ul style="list-style-type: none"> *Multiples *Common multiples *Factors *Common factors *Prime numbers *Square numbers *Cube numbers *Multiply by 10, 100 and 1,000 *Divide by 10, 100 and 1,000 *Multiples of 10, 100 and 1,000 	<ul style="list-style-type: none"> *Multiply up to a 4-digit number by a 2-digit number *Solve problems with multiplication *Short division *Division using factors *Introduction to long division *Long division with remainders *Solve problems with division *Solve multi-step problems *Order of operations *Mental calculations and estimation *Reason from known facts <p>Fractions A</p> <ul style="list-style-type: none"> *Equivalent fractions and simplifying *Equivalent fractions on a number line *Compare and order (denominator) *Compare and order (numerator) *Add and subtract simple fractions
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	<p>Geometry (Shape)</p> <ul style="list-style-type: none"> *Recognise and name 3D shapes *Sort 3D shapes *Recognise and name 2D shapes *Sort 2D shapes *Patterns with 2D and 3D shapes 	<ul style="list-style-type: none"> *Subtract two 2-digit numbers (not across a 10) *Subtract two 2-digit numbers (not across a 10) *Subtract two 2-digit numbers (across a 10) *Mixed addition and subtraction *Compare number sentences *Missing number problems <p>Geometry (shape)</p> <ul style="list-style-type: none"> *Recognise 2-D and 3-D shapes *Count sides on 2-D shapes *Count vertices on 2-D shapes *Draw 2-D shapes *Lines of symmetry on shapes *Use lines of symmetry to complete shapes *Sort 2-D shapes *Count faces on 3-D shapes *Count edges on 3-D shapes 	<ul style="list-style-type: none"> *Complements to 100 *Estimate answers *Inverse operations *Make decision <p>Multiplication and Division A</p> <ul style="list-style-type: none"> *Multiplication – equal groups *Use arrays *Multiples of 2 *Multiples of 5 and 10 *Sharing and grouping *Multiply by 3 *Divide by 3 *The 3 times-table *Multiply by 4 *Divide by 4 *The 4 times-table *Multiply by 8 *Divide by 8 *The 8 times-table *The 2, 4 and 8 times-tables 	<p>Area</p> <ul style="list-style-type: none"> *What is area? *Count squares *Make shapes *Compare areas <p>Multiplication and Division A</p> <ul style="list-style-type: none"> *Multiples of 3 *Multiply and divide by 6 *6 times-table and division facts *Multiply and divide by 9 *9 times-table and division facts *The 3, 6 and 9 times-tables *Multiply and divide by 7 *7 times-table and division facts *11 times-table and division facts *12 times-table and division facts *Multiply by 1 and 0 *Divide a number by 1 and itself *Multiply three numbers 	<p>Fractions A</p> <ul style="list-style-type: none"> *Find fractions equivalent to a unit fraction *Find fractions equivalent to a non-unit fraction *Recognise equivalent fractions *Convert improper fractions to mixed numbers *Convert mixed numbers to improper fractions *Compare fractions less than 1 *Order fractions less than 1 *Compare and order fractions greater than 1 *Add and subtract fractions with the same denominator *Add fractions within 1 *Add fractions with total greater than 1 *Add to a mixed number *Add two mixed numbers 	<ul style="list-style-type: none"> *Add and subtract any two fractions *Add mixed numbers *Subtract mixed numbers *Multi-step problems <p>Fractions B</p> <ul style="list-style-type: none"> *Multiply fractions by integers *Multiply fractions by fractions *Divide a fraction by an integer *Divide any fraction by an integer *Mixed questions with fractions *Fraction of an amount *Fraction of an amount – find the whole <p>Converting Units</p> <ul style="list-style-type: none"> *Metric measures *Convert metric measures *Calculate with metric measures *Miles and kilometres *Imperial measures
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		<ul style="list-style-type: none"> *Count vertices on 3-D shapes *Sort 3-D shapes *Make patterns with 2-D and 3-D shapes 			<ul style="list-style-type: none"> *Subtract fractions *Subtract from a mixed number *Subtract from a mixed number – breaking the whole *Subtract two mixed numbers 	
SPRING TERM						
<p>Place value (within 20)</p> <ul style="list-style-type: none"> *Count within 20 *Understand 10 *Understand 11, 12 and 13 *Understand 14, 15 and 16 *Understand 17, 18 and 19 *Understand 20 *1 more and 1 less *The number line to 20 Use a number line to 20 *Estimate on a number line to 20 *Compare numbers to 20 *Order numbers to 20 <p>Addition and subtraction (within 20)</p> <ul style="list-style-type: none"> *Add by counting on within 20 	<p>Money</p> <ul style="list-style-type: none"> *Count money – pence *Count money – pounds (notes and coins) *Count money – pounds and pence *Choose notes and coins *Make the same amount *Compare amounts of money *Calculate with money *Make a pound *Find change *Two-step problems <p>Multiplication and Division</p> <ul style="list-style-type: none"> *Recognise equal groups *Make equal groups *Add equal groups 	<p>Multiplication and Division B</p> <ul style="list-style-type: none"> *Multiples of 10 *Related calculations *Reasoning about multiplication *Multiply a 2-digit number by a 1-digit number – no exchange *Multiply a 2-digit number by a 1-digit number – with exchange *Link multiplication and division *Divide a 2-digit number by a 1-digit number – no exchange *Divide a 2-digit number by a 1-digit number – flexible partitioning *Divide a 2-digit number by a 1-digit 	<p>Multiplication and Division B</p> <ul style="list-style-type: none"> *Factor pairs *Use factor pairs *Multiply by 10 *Multiply by 100 *Divide by 10 *Divide by 100 *Related facts – multiplication and division *Informal written methods for multiplication *Multiply a 2-digit number by a 1-digit number *Multiply a 3-digit number by a 1-digit number *Divide a 2-digit number by a 1-digit number (1) 	<p>Multiplication and Division B</p> <ul style="list-style-type: none"> *Multiply up to a 4-digit number by a 1-digit number *Multiply a 2-digit number by a 2-digit number (area model) *Multiply a 2-digit number by a 2-digit number *Multiply a 3-digit number by a 2-digit number *Multiply a 4-digit number by a 2-digit number *Solve problems with multiplication *Short division *Divide a 4-digit number by a 1-digit number 	<p>Ratio</p> <ul style="list-style-type: none"> *Add or multiply? *Use ratio language *Introduction to the ratio symbol *Ratio and fractions *Scale drawing *Use scale factors *Similar shapes *Ratio problems *Proportion problems *Recipes <p>Algebra</p> <ul style="list-style-type: none"> *1-step function machines *2-step function machines *Form expressions Substitution *Formulae *Form equations *Solve 1-step equations 	

<ul style="list-style-type: none"> *Add ones using number bonds *Find and make number bonds to 20 *Doubles *Near doubles *Subtract ones using number bonds *Subtraction – counting back *Subtraction – finding the difference *Related facts *Missing number problems <p>Place Value (within 50)</p> <ul style="list-style-type: none"> *Count from 20 to 50 *20, 30, 40 and 50 *Count by making groups of tens *Groups of tens and ones *Partition into tens and ones *The number line to 50 *Estimate on a number line to 50 *1 more, 1 less <p>Length and Height</p> <ul style="list-style-type: none"> *Compare lengths and heights 	<ul style="list-style-type: none"> *Introduce the multiplication symbol *Multiplication sentences *Use arrays *Make equal groups – grouping *Make equal groups – sharing *The 2 times-table *Divide by 2 *Doubling and halving *Odd and even numbers *The 10 times-table *Divide by 10 *The 5 times-table *Divide by 5 *The 5 and 10 times-tables <p>Length and Height</p> <ul style="list-style-type: none"> *Measure in centimetres *Measure in metres *Compare lengths and heights *Order lengths and heights *Four operations with lengths and heights 	<p>number – with remainders</p> <ul style="list-style-type: none"> *Scaling *How many ways <p>Length and Perimeter</p> <ul style="list-style-type: none"> *Measure in metres and centimetres *Measure in millimetres *Measure in centimetres and millimetres *Metres, centimetres and millimetres *Equivalent lengths (metres and centimetres) *Equivalent lengths (centimetres and millimetres) *Compare lengths *Add lengths *Subtract lengths *What is perimeter? *Measure perimeter *Calculate perimeter <p>Fractions A</p> <ul style="list-style-type: none"> *Understand the denominators of unit fractions 	<ul style="list-style-type: none"> *Divide a 2-digit number by a 1-digit number (2) *Divide a 3-digit number by a 1-digit number *Correspondence problems *Efficient multiplication <p>Length and Perimeter</p> <ul style="list-style-type: none"> *Measure in kilometres and metres *Equivalent lengths (kilometres and metres) *Perimeter on a grid *Perimeter of a rectangle *Perimeter of rectilinear shapes *Find missing lengths in rectilinear shapes *Calculate perimeter of rectilinear shapes *Perimeter of regular polygons *Perimeter of Polygons <p>Fractions</p> <ul style="list-style-type: none"> *Understand the whole *Count beyond 1 	<ul style="list-style-type: none"> *Divide with remainders *Efficient division *Solve problems with multiplication and division <p>Fractions B</p> <ul style="list-style-type: none"> *Multiply a unit fraction by an integer *Multiply a non-unit fraction by an integer *Multiply a mixed number by an integer *Calculate a fraction of a quantity *Fraction of an amount *Find the whole *Use fractions as operators <p>Decimals and Percentages</p> <ul style="list-style-type: none"> *Decimals up to 2 decimal places *Equivalent fractions and decimals (tenths) *Equivalent fractions and decimals (hundredths) *Equivalent fractions and decimals 	<ul style="list-style-type: none"> *Solve 2-step equations *Find pairs of values *Solve problems with two unknowns <p>Decimals</p> <ul style="list-style-type: none"> *Place value within 1 *Place value – integers and decimals *Round decimals *Add and subtract decimals *Multiply by 10, 100 and 1,000 *Divide by 10, 100 and 1,000 *Multiply decimals by integers *Divide decimals by integers *Multiply and divide decimals in context <p>Fractions, decimals and percentages</p> <ul style="list-style-type: none"> *Decimal and fraction equivalents *Fractions as division *Understand percentages *Fractions to percentages
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	<ul style="list-style-type: none"> *Measure length using objects *Measure length in centimetres <p>Mass and Volume</p> <ul style="list-style-type: none"> *Heavier and lighter *Measure mass *Compare mass *Full and empty *Compare volume *Measure capacity *Compare capacity 	<p>Mass, Capacity and Temperature</p> <ul style="list-style-type: none"> *Compare mass *Measure in grams *Measure in kilograms *Four operations with mass *Compare volume and capacity *Measure in millilitres *Measure in litres *Four operations with volume and capacity *Temperature 	<ul style="list-style-type: none"> *Compare and order unit fractions *Understand the numerators of non-unit fractions *Understand the whole *Compare and order non-unit fractions *Fractions and scales *Fractions on a number line *Count in fractions on a number line *Equivalent fractions on a number line *Equivalent fractions as bar models <p>Mass and Capacity</p> <ul style="list-style-type: none"> *Use scales *Measure mass in grams *Measure mass in kilograms and grams *Equivalent masses (kilograms and grams) *Compare mass *Add and subtract mass *Measure capacity and volume in millilitres *Measure capacity and 	<ul style="list-style-type: none"> *Partition a mixed number *Number lines with mixed numbers *Compare and order mixed numbers *Understand improper fractions *Convert mixed numbers to improper fractions *Convert improper fractions to mixed numbers *Equivalent fractions on a number line *Equivalent fraction families *Add two or more fractions *Add fractions and mixed numbers *Subtract two fractions *Subtract from whole amounts *Subtract from mixed numbers <p>Decimals A</p> <ul style="list-style-type: none"> *Tenths as fractions *Tenths as decimals *Tenths on a place value chart 	<ul style="list-style-type: none"> *Thousandths as fractions *Thousandths as decimals *Thousandths on a place value chart *Order and compare decimals (same number of decimal places) *Order and compare any decimals with up to 3 decimal places *Round to the nearest whole number *Round to 1 decimal place *Understand percentages *Percentages as fractions *Percentages as decimals *Equivalent fractions, decimals and percentages <p>Perimeter and Area</p> <ul style="list-style-type: none"> *Perimeter of rectangles *Perimeter of rectilinear shapes *Perimeter of polygons 	<ul style="list-style-type: none"> *Equivalent fractions, decimals and percentages *Order fractions, decimals and percentages *Percentage of an amount – one step *Percentage of an amount – multi-step *Percentages – missing values <p>Area, perimeter and volume</p> <ul style="list-style-type: none"> *Shapes – same area *Area and perimeter *Area of a triangle – counting squares *Area of a right-angled triangle *Area of any triangle *Area of a parallelogram *Volume – counting cubes *Volume of a cuboid <p>Statistics</p> <ul style="list-style-type: none"> *Line graphs *Dual bar charts *Read and interpret pie charts
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			<p>volume in litres and millilitres</p> <ul style="list-style-type: none"> *Equivalent capacities and volumes (litres and millilitres) *Compare capacity and volume *Add and subtract capacity and volume 	<p>*Tenths on a number line</p> <ul style="list-style-type: none"> *Divide a 1-digit number by 10 *Divide a 2-digit number by 10 *Hundredths as fractions *Hundredths as decimals Hundredths on a place value chart *Divide a 1- or 2-digit number by 100 	<p>*Area of rectangles</p> <p>*Area of compound shapes</p> <p>*Estimate area</p> <p>Statistics</p> <ul style="list-style-type: none"> *Draw line graphs *Read and interpret line graphs *Read and interpret tables *Two-way tables *Read and interpret time-tables 	<p>*Pie charts with percentages</p> <ul style="list-style-type: none"> *Draw pie charts *The mean
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SUMMER TERM

<p>Multiplication and Division</p> <ul style="list-style-type: none"> *Count in 2s *Count in 10s *Count in 5s *Recognise equal groups *Add equal groups *Make arrays *Make doubles *Make equal groups – grouping *Make equal groups – sharing <p>Fractions</p>	<p>Fractions</p> <ul style="list-style-type: none"> *Introduction to parts and wholes *Equal and unequal parts *Recognise a half *Find a half *Recognise a quarter *Find a quarter *Recognise a third *Find a third *Find the whole *Unit fractions *Non-unit fractions *Recognise the equivalence of a half and two quarters 	<p>Fractions B</p> <ul style="list-style-type: none"> *Add fractions *Subtract fractions *Partition the whole *Unit fractions of a set of objects *Non-unit fractions of a set of objects *Reasoning with fractions of an amount <p>Money</p> <ul style="list-style-type: none"> *Pounds and pence *Convert pounds and pence *Add money *Subtract money 	<p>Decimals B</p> <ul style="list-style-type: none"> *Make a whole with tenths *Make a whole with hundredths *Partition decimals *Flexibly partition decimals *Compare decimals *Order decimals *Round to the nearest whole number *Halves and quarters as decimals <p>Money</p>	<p>Shape</p> <ul style="list-style-type: none"> *Understand and use degrees *Classify angles *Estimate angles *Measure angles up to 180 *Draw lines and angles accurately *Calculate angles around a point *Calculate angles on a straight line *Length and angles in shapes *Regular and irregular polygons 	<p>Shape</p> <ul style="list-style-type: none"> *Measure and classify angles *Calculate angles *Vertically opposite angles *Angles in a triangle *Angles in a triangle – special cases *Angles in a triangle – missing angles *Angles in quadrilaterals *Angles in polygons *Circles *Draw shapes accurately
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	<ul style="list-style-type: none"> *Recognise a half of an object or a shape *Find a half of an object or a shape *Recognise a half of a quantity *Find a half of a quantity *Recognise a quarter of an object or a shape *Find a quarter of an object or a shape *Recognise a quarter of a quantity *Find a quarter of a quantity. <p>Position and Direction</p> <ul style="list-style-type: none"> *Describe turns *Describe position - left and right *Describe position – forwards and backwards *Describe position- above and below. *Ordinal numbers <p>Place value (within 100)</p> <ul style="list-style-type: none"> *Count from 50 to 100 *Tens to 100 	<ul style="list-style-type: none"> *Recognise three-quarters *Find three-quarters *Count in fractions up to a whole <p>Time</p> <ul style="list-style-type: none"> *O’ clock and half past *Quarter past and quarter to *Tell time past the hour *Tell time to the hour *Tell the time to 5 minutes *Minutes in an hour *Hours in a day <p>Statistics</p> <ul style="list-style-type: none"> *Make Talley charts *Make tables *Block diagrams *Draw Pictograms (1-1) *Interpret Pictograms (1-) *Draw Pictograms (2, 5 and 10) *Interpret Pictograms (2, 5 and 10) <p>Position and Direction</p> <ul style="list-style-type: none"> *Language of position *Describe movement 	<p>*Find change</p> <p>Time</p> <ul style="list-style-type: none"> *Roman numerals to 12 *Tell the time to 5 minutes *Tell the time to the minute *Read time on a digital clock *Use am and pm *Years, months and days *Days and hours *Hours and minutes – use start and end times *Hours and minutes – use durations *Minutes and seconds *Units of time *Solve problems with time. <p>Shape</p> <ul style="list-style-type: none"> *Turns and angles *Right angles *Compare angles *Measure and draw accurately *Horizontal and vertical 	<ul style="list-style-type: none"> *Write money using decimals *Convert between pounds and pence *Compare amounts of money *Estimate with money *Calculate with money *Solve problems with money <p>Time</p> <ul style="list-style-type: none"> *Years, months, weeks and days *Hours, minutes and seconds *Convert between analogue and digital times *Convert to the 24-hour clock *Convert from the 24-hour clock <p>Shape</p> <ul style="list-style-type: none"> *Understand angles as turns *Identify angles *Compare and order angles *Triangles *Quadrilaterals *Polygons 	<p>*3D shapes</p> <p>Position and Direction</p> <ul style="list-style-type: none"> *Read and plot coordinates *Problem solving with coordinates *Translation *Translation with coordinates *Lines of symmetry *Reflection in horizontal and vertical lines <p>Decimals</p> <ul style="list-style-type: none"> *Use known facts to add and subtract decimals within 1 *Complements to 1 *Add and subtract decimals across 1 *Add decimals with the same number of places *Subtract decimals with the same number of places *Add decimals with different number of places *Subtract decimals with different number of places 	<p>*Nets of 3d shapes</p> <p>Position and Direction</p> <ul style="list-style-type: none"> *The first quadrant *Read and plot points in four quadrants *Solve problems with coordinates *Translations *Reflections <p>Themed projects, consolidation and problem solving</p>
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	<ul style="list-style-type: none"> *Partition into tens and ones *The number line to 100 *1 more, 1 less *Compare numbers with the same number of tens *Compare any two numbers <p>Money</p> <ul style="list-style-type: none"> *Unitising *Recognise coins *Recognise notes *Count in coins <p>Time</p> <ul style="list-style-type: none"> *Before and after *Days of the week *Months of the year *Hours, minutes and seconds *Tell the time to the hour *Tell the time to the half hour 	<ul style="list-style-type: none"> *Describe turns *Describe movement and turns *Shape patterns with turns 	<ul style="list-style-type: none"> *Parallel and perpendicular *Recognise and describe 2d shapes *Draw Polygons *Recognise and describe 3d shapes *Make 3d shapes <p>Statistics</p> <ul style="list-style-type: none"> *Interpret pictograms *Draw pictograms *Interpret bar charts *Draw bar charts *Collect and represent data *Two-way tables 	<ul style="list-style-type: none"> *Lines of symmetry *Complete a symmetric figure <p>Statistics</p> <ul style="list-style-type: none"> *Interpret charts *Comparison, sum and difference *Interpret line graphs *Draw line graphs <p>Position and direction</p> <ul style="list-style-type: none"> *Describe position using coordinates *Plot coordinates *Draw 2d shapes on a grid *Translate on a grid *Describe translation on a grid 	<ul style="list-style-type: none"> *Efficient strategies for adding and subtracting decimals *Decimal sequences *Multiply by 10, 100 and 1000 *Divide by 10, 100 and 1000 *Multiply and divide decimals – missing values <p>Negative numbers</p> <ul style="list-style-type: none"> *Understand negative numbers *Count through zero in 1s *Count through zero in multiples *Compare and order negative numbers *Find the difference <p>Converting Units</p> <ul style="list-style-type: none"> *Kilograms and Kilometres *Millimetres and millilitres *Convert units of length *Convert between metric and imperial units 	
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					<ul style="list-style-type: none">*Convert units of time*Calculate with timetables. Volume <ul style="list-style-type: none">*Cubic centimetres*Compare volume*Estimate volume*Estimate capacity	
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EYFS Long term plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Getting to know you		Match, sort and compare FREE TRIAL VIEW	Talk about measure and patterns VIEW	It's me 1, 2, 3 VIEW		Circles and triangles VIEW		1, 2, 3, 4, 5 VIEW		Shapes with 4 sides VIEW	
Spring term	Alive in 5 VIEW	Mass and capacity VIEW	Growing 6, 7, 8 VIEW	Length, height and time VIEW	Building 9 and 10 VIEW		Explore 3-D shapes VIEW					
Summer term	To 20 and beyond VIEW	How many now? VIEW	Manipulate, compose and decompose VIEW	Sharing and grouping VIEW	Visualise, build and map VIEW		Make connections VIEW	Consolidation				