

St Michael's Catholic Primary School



Maths progression of knowledge and skills

EYFS

EYFS	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	Baseline assessments: The Reception Baseline Assessment from the Local Authority as well as an additional 'ticklist' document based on guidance from Anne Brass looking			Numerical Pattern Match objects which are the same – noticing when there is more or fewer objects Sort objects/amounts into groups – large and small / 2 dots and 4 dots / yellow and blue etc. Compare quantities – recognising when one quantity is greater than, less than or the same as the other quantity	Number Be able to subitise number up to 3 speedily Represent numbers up to 3 in a range of different ways using: pictorial representation, objects, number shapes, dice and numerals Compare numbers up to 3 - being able to sort amounts into 1,2 or 3 – noticing more and fewer Composition of numbers to 3 - being able to find all the different ways to make 3 using objects – 0-3, 3-0, 1-2, 2-1	Shape, space and measure Compare size of large, medium and small objects and begin ordering items by size Explore mass and capacity of different sized containers – tall, short, wide and thin – talk about which containers will hold the most/least Be able to copy and create repeating patterns with 2 variants Understand and use some positional language - forwards, backwards, beside, next to, in front of, behind, inside, in between, along.	Shape, space and measure Recognise and name circles and triangles and be able to say how many sides they have	Number Subitise amounts up to 4 with speed Count and subitise amounts up to 5 with accuracy and speed Represent numbers up to 5 Match and sort numerals and quantities up to 5 Compare quantities and numbers up to 5 – matching numerals and quantities, sorting amounts into 1,2,3,4 and 5 and saying if they are more than, equal to or less than Composition of 4 and 5 Find and then say 1 more and 1 less up to 5 confidently	Shape, space and measure Recognise and name squares and rectangles and be able to say they have 4 sides and how they are different – squares have 4 sides the same length and rectangles have 2 long and 2 short sides Be able to use and understand language surrounding order – first, next, after that, finally. As well as night, day, morning, afternoon and night.			
	Daily practice: Counting forwards and backwards up to 10 and beyond											
Spring	Number Number bonds to 5 – to say bonds with accuracy	Number Represent amounts and numbers of 6, 7 and 8 Compare numbers up to 8	Shape, space, measure Compare mass and	Numerical patterns Making pairs: understanding a pair is 2 Combine 2 groups together using objects and	Shape, space and measure Compare length and height and	Number Representing and comparing numbers to 10 - being able to recognise numbers to	Number: Addition and Subtraction Add and subtract two single digit numbers using objects to find a total	Shape and pattern Know the names of some 3D				

	Understanding 0 - where it is on a number line and how many it represents	Subitise amounts up to 8 – recognising groups of amounts – 4 and 4 within 8 etc.	ordering from heaviest – lightest and vice versa Compare and order capacity – most/least	add together to say the total Be able to share amounts equally between 2 groups using even numbers	order in different ways Be able to use objects to measure length and height and begin recording using picture/symbolic representations Use language surrounding time - now, later, fast, slow Time simple activities using sand timers and stop watches	10, counting to 10 and saying if a number is more, fewer or the same as 10 Composition of numbers to 10 using objects and pictures to support Use pictorial representations to subitise to 10 Begin to recognise number bonds to 10 with concrete support	Begin to use a number track to solve addition and subtraction number problems	shapes – sphere, cylinder, cube, cone, pyramid Know that 3D shapes can be rolled or stacked Explore more complex patterns using up to 4 variants	
	Daily practice: counting forwards and backwards up to 20 and beyond								
Summer	Consolidating Key Skills Subitising Counting Composition Sorting and matching Comparing and ordering	Number Have a deep understanding of number to 10, including the composition of each number Develop understanding of number bonds to 10 and be able to say bonds with more speed Form numbers up to 10 correctly Recognise and write numbers up to 20	Shape and pattern Name 2D and 3D shapes – circle, triangle, square, rectangle– pyramid, cone, sphere, cylinder, cube and begin to describe them Select, rotate and manipulate shapes to develop spatial reasoning skills Compose and decompose shapes to recognise a shape can have other shapes within it	Addition and Subtraction Add and subtract 2 single digit numbers using number tracks and mental maths skills Recognise addition and subtraction number symbols and read a simple number sentence – begin recording own number sentences using squared paper.	Numerical patterns Know double facts up to 5 and represent using concrete objects Know evens and odds up to 10 with speed.	Deepening Understanding Recognise number patters repeating themselves when counting past 10 using number tracks up to 20 Explore and represent patterns within number up to 10 and beyond 10 – place value of teen numbers including 20. Explore fact families for numbers up to 10	Consolidation		
	Daily practice: counting up to 30 and beyond (forwards)								

Key Stage 1

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	
Autumn	Place value Sort objects (e.g. colour, shape, size) Count objects Represent objects Count, read and write forwards from any number 0 to 10 Count, read and write backwards from any number 0 to 10 Count one more and one less One-to-one correspondence to start to compare groups Compare groups using language such as equal, more/greater, less/fewer Introduce <, > and = symbols Compare numbers Order groups of objects Order numbers Ordinal numbers (1st, 2nd, 3rd ...) The number line				Addition and Subtraction Part-whole model Addition symbol Fact families – addition facts Find number bonds for numbers within 10 Systematic methods for number bonds within 10 Number bonds to 10 Compare number bonds Addition – adding together Addition – adding more Finding a part Subtraction – taking away, how many left? Crossing out Subtraction – taking away, how many left? Introducing the subtraction symbol Subtraction – finding a part, breaking apart Fact families – the 8 facts Subtraction – counting back Subtraction – finding the difference Comparing addition and subtraction statements $a + b > c$ Comparing addition and subtraction statements $a + b > c + d$				Geometry: shape Recognise and name 3-D shapes (EYFS plus prism, cuboid, square-based pyramid,) Sort 3-D shapes Recognise and name 2-D shapes (EYFS plus, pentagon, hexagon) Sort 2-D shapes Patterns with 3-D and 2-D shapes To name the faces of 3D shapes and say if they are curved or flat		Place Value Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 to 20 Tens and ones Count one more and one less Compare groups of objects Compare numbers Order groups of objects Order numbers		Consolidation Assessments
Spring	Addition and Subtraction Add by counting 10 Find and make number bonds Add by making 10 Subtraction- not crossing 10 Subtraction- counting 10 Related facts Compare number sentences			Number: Place Value Numbers to 50 Tens and ones Represent numbers to 50 One more one less Compare objects within 50 Compare numbers within 50 Count in 2s Count in 5s			Measurement: Length & Height Compare lengths and heights using non-standard units Measure length using a cm ruler		Measurement: Weight & Volume Introduce weight and mass (heavy/light) Measure mass (balancing scales) Compare mass (balancing scales) Introduce capacity and volume (full/empty, half full, more than less than, quarter full) Measure capacity (glass/jugs) Compare capacity			Consolidation Assessments	
Summer	Multiplication and Division Count in 2s Count in 5s Count in 10s Make equal groups of 2, 5, 10 Add equal groups Make arrays Make doubles (up to 20) Make equal groups – grouping Make equal groups - sharing			Fractions Find a half (one of two equal parts) Find a half of a shape, object or quantity Find a quarter (one of four equal parts) Find a quarter of a shape, object or quantity		Geometry Describe turns Describe position	Place Value Counting forwards and backwards within 100 Partitioning numbers Comparing numbers (1) Comparing numbers (2) Ordering numbers One more, one less		Money Recognising coins Recognising notes Counting in coins	Measurement: Time Before and after Dates Time to the hour Time to the half hour Writing time Comparing time		Consolidation Assessments	

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
Autumn	Place Value Count objects to 100 Read and write numbers to at least 100 in numerals and words Represent numbers to 100 Tens and ones with a part-whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers (use $<=>$) Order objects and numbers Count 2s, 5s, 10s Count in 3s			Addition and subtraction Fact families – addition and subtraction bonds to 20 Compare number sentences Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Add a 2-digit and 1-digit number – crossing ten Subtract a 1-digit number from a 2-digit number – crossing ten Add two 2-digit numbers – not crossing ten – add ones and add tens Add two 2-digit numbers – crossing ten – add ones and add tens Introduce column method Subtract a 2-digit number from a 2-digit number – not crossing ten Subtract a 2-digit number from a 2-digit number – crossing ten – subtract ones and tens Introduce column method Bonds to 100 (tens and ones) Add three 1-digit numbers				Measurement: money Count money – pence Count money – pounds (notes and coins) Count money – notes and coins. Use £ and p symbols Select money Make the same amount with different coins Compare money Find the total Find the difference between two amounts Find change Two-step problems		Multiplication Make equal groups Add equal groups Make arrays	Consolidation Assessments	
Spring	Multiplication and division Recognise equal groups Make equal groups Add equal groups Multiplication sentences using the X sign Multiplication sentences from pictures Use arrays Make doubles 2 times-table 5 times table 10 times table Make equal groups-sharing Make equal groups- grouping Divide by 2 Odd and even numbers Divide by 5 Divide by 10			Statistics Make tally charts Draw pictograms (1-1) Interpret pictograms Draw pictograms (2, 5 and 10) Interpret pictograms (2, 5 and 10) Block diagrams		Geometry: properties of shapes Recognise 2-D and 3-D shapes (Year 1 plus heptagon, octagon, nonagon, decagon, regular and irregular and types of prism) Count sides on 2-D shapes Count vertices on 2-D shapes Draw 2-D shapes Lines of symmetry Sort 2-D shapes Make patterns with 2-D shapes Count and name faces on 3-D shapes Count edges of 3-D shapes Count vertices on 3-D shapes Sort 3-D shapes Make patterns with 3-D shapes		Fractions Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Recognise a quarter Find a quarter Recognise a third Find a third Unit fractions Non-unit fractions e.g. $\frac{2}{3}$ and $\frac{3}{4}$ Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$ Find three quarters Count in fractions		Consolidation Assessments		
Summer	Measurement: length and height		Geometry: position and direction	Measurement: time Telling time to the hour Telling time to the half hour		Consolidation and problem solving		Measurement: mass, capacity and temperature Compare mass $<=>$		Consolidation Assessments		

	<p>Compare lengths and heights using $<=>$</p> <p>Measure length (cm)</p> <p>Measure length (m)</p> <p>Compare lengths</p> <p>Order lengths</p> <p>Four operations with lengths</p>	<p>Describe position (left, right, forwards, backwards)</p> <p>Describe position (prepositions- above, behind, in front of)</p> <p>Describe movement (through a square grid)</p> <p>Describe turns ($\frac{1}{4}$, $\frac{1}{2}$, full, clockwise, anticlockwise)</p> <p>Describe movement and turns through a grid</p> <p>Making patterns with shapes</p>	<p>O'clock and half past</p> <p>Quarter past and quarter to</p> <p>Telling time to 5 minutes</p> <p>Writing time</p> <p>Minutes, Hours and days</p> <p>Find durations of time</p> <p>Compare durations of time</p>		<p>Measure mass in grams- use scales</p> <p>Measure mass in kilograms</p> <p>Compare volume- using jugs and measuring cylinders</p> <p>Millilitres</p> <p>Litres</p> <p>Temperature ($^{\circ}$C)</p>	
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KEY STAGE 2

YEAR 3	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	Place Value Hundreds Represent numbers to 1,000 100s, 10s and 1s (place value charts, base 10) Number line to 1,000 Find 1, 10, 100 more or less than a given number Count in 50s up to 1000 Compare objects to 1,000 Compare numbers to 1,000 <=> Order numbers within 1000 Weekly mental maths tests: 2s, 5s and 10s times tables			Addition and Subtraction <u>Mental methods/partitioning/number lines etc:</u> Add and subtract multiples of 100 Add and subtract 3-digit and 1-digit numbers – not crossing 10 Add 3-digit and 1-digit numbers – crossing 10 Subtract a 1-digit number from a 3-digit number – crossing 10 Add and subtract 3-digit and 2-digit numbers – not crossing 100 Add 3-digit and 2-digit numbers – crossing 100 Subtract a 2-digit number from a 3-digit number – crossing 100 Add and subtract 100s Add a 2-digit and 3-digit numbers – crossing 10 or 100 Subtract a 2-digit number from a 3-digit number – crossing 10 or 100 <u>Column method:</u> Add two 3-digit numbers – not crossing 10 or 100 Add two 3-digit numbers – crossing 10 or 100 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 Weekly mental maths tests: divide by 2s, 5s, 10s				Multiplication and Division Recap multiplication and division vocabulary (multiple, array, multiply, divide, share, equal groups) and grouping 2s, 5s and 10s Multiply by 3 (CPA, application, arrays, missing numbers, word problems, bar models) Divide by 3 Multiply by 4 Divide by 4 Multiply by 8 Divide by 8 Weekly mental maths tests: 3s, 4s and 8 times tables				Consolidation Assessments
Spring	Multiplication and Division Consolidate 2, 4 and 8 times tables Comparing statements (multiplication facts) Related calculations Multiply 2-digits by 1-digit Divide 2-digits by 1-digit Scaling How many ways?			Measurement: Money Pounds and pence Convert pounds and pence Add money Subtract money Give change	Statistics <u>Make tally charts</u> <u>Draw pictograms (2,5 and 10)</u> <u>Interpret pictograms (2,5 and 10)</u> Pictograms Bar charts Tables	Measurement: length and perimeter Measure length Equivalent lengths – m & cm Equivalent lengths- mm & cm Compare lengths Add lengths Subtract lengths Measure perimeter Calculate perimeter	Fractions Make equal parts Recognise a half Find a half Recognise a quarter Find a quarter Find a third Unit fractions Non-unit fractions Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$ Count in fractions	Consolidation Assessments				
Summer	Fractions Making the whole Tenths Count in tenths Tenths as decimals Fractions on a number line Fractions of a set of objects Equivalent fractions Compare fractions Order fractions Add fractions Subtract fractions			Time O'clock and half past Quarter past and quarter to Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock Finding the duration Comparing durations Start and end times Measuring time in seconds	Shape Turns and angles Right angles in shapes Compare angles Draw lines accurately (nearest cm) Horizontal and vertical lines Parallel and perpendicular Recognise and describe 2-D shapes (all from year 2, regular and irregular, plus trapezium and parallelogram) Recognise and describe 3-D shapes (all from Year 2 plus tetrahedron) Make 3-D shapes	Measurement Measure mass (g and kg) Compare mass Add and subtract mass Measure capacity (l and ml) Compare capacity Add and subtract capacity	Consolidation Assessments					

YEAR 4	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	Place Value Round to the nearest 10 and 100 Count in 1,000s 1,000s, 100s, 10s and 1s Partitioning Number line to 10,000 Find 1, 10, 100, 1000 more or less Compare numbers Order numbers Round to the nearest 1,000 Count in 25s Negative numbers Roman numerals to 100				Addition and Subtraction Add and subtract 1s, 10s, 100s and 1,000s Add 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 Estimate answers			Measurement Equivalent lengths - m and cm Equivalent lengths - mm and cm Kilometres Add lengths Subtract lengths Measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes		Multiplication and Division Multiply by 10 and 100 Divide by 10 and 100 Multiply by 1 and 0 Divide by 1 and itself Multiply and divide by 6 6 times table and division facts Multiply and divide by 9 9 times table and division facts Multiply and divide by 7 7 times table and division facts		Consolidation Assessments
Spring	Multiplication and division 11 and 12 times-table Multiply 3 numbers Factor pairs Efficient multiplication Written methods Multiply 2-digits by 1-digit Divide 2-digits by 1-digit Divide 3-digits by 1-digit Correspondence problems			Measurement What is area? Counting squares Making shapes with a given area Comparing area	Fractions What is a fraction? Unit and non-unit fractions Tenths Count in tenths Equivalent fractions Fractions greater than 1 Count in fractions Add 2 or more fractions Subtract 2 fractions Subtract from whole amounts Calculate fractions of a quantity Problem solving – calculate quantities				Fractions and Decimals Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1-digit by 10 Divide 2-digits by 10 Hundredths Hundredths as decimals Hundredths on a place value grid Divide 1 or 2-digits by 100		Consolidation Assessments	
Summer	Decimals Bonds to 10 and 100 Make a whole Write decimals Compare decimals Order decimals Round decimals to whole number Halves and quarters as a decimal number		Money Pounds and pence Ordering money Estimating money Convert pounds and pence Add money Subtract money Find change Four operations		Time Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. 24-hour clock Hours, minutes and seconds Years, months, weeks and days Analogue to digital – 12 hour Analogue to digital – 24 hour		Statistics: Interpret charts Comparison, sum and difference Introducing line graphs Line graphs	Geometry Turns and angles Right angles in shapes Compare angles Identify angles Compare and order angles Recognise and describe 2-D shapes (taught in Year 3) Triangles (isosceles, scalene, equilateral, right-angle) Quadrilaterals Horizontal and vertical Lines of symmetry Complete a symmetric figure			Geometry Describe position Draw on a grid Move on a grid Describe movement on a grid	Consolidation Assessments

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
Autumn	Place Value Numbers to 10,000 Numbers to 100,000 Numbers to a million Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s Compare and order numbers to one million Round to nearest 10, 100 and 1,000 Round numbers within 100,000 Round numbers to one million Negative numbers Roman Numerals to 1,000			Addition and Subtraction Add whole numbers with more than 4 digits (column method) Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Multi-step addition and subtraction problems Inverse operations (addition and subtraction)		Statistics Read and interpret line graphs Draw line graphs Use line graphs to solve problems Read and interpret tables Two-way tables Timetables		Multiplication and division 1 Multiples and 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		Measurement Measure perimeter Calculate perimeter Perimeter of rectilinear shapes Perimeter of regular polygons Area of rectangles Area of compound shapes Area of irregular shapes		Consolidation Assessments
Spring	Multiplication and Division 1 Multiply 2 digits by 1 digit (partitioning) Multiply 3 or 4-digits by 1-digit (short mult) Multiply 2-digits by 2-digits (long mult) Multiply 3-digits by 2-digits Multiply 4-digits by 2-digits Divide 2 digits by 1 with remainders mentally Divide 3-digits by 1-digit (bus stop) Divide 4-digits by 1-digit (bus stop) Divide with remainders Remainders as fractions			Fractions 1 What is a fraction recap- unit and non-unit Equivalent fractions Fractions greater than 1 Improper fractions to mixed numbers Mixed numbers to improper fractions Number sequences with fractions Compare and order fractions less than 1 Compare and order fractions greater than 1 Add and subtract fractions			Fractions 2 Add fractions within 1 Add 3 or more fractions Add fractions Add mixed numbers Subtract fractions Subtract mixed numbers Multiply unit fraction by integer Multiply mixed number by integer Fraction of an amount Fractions as operators			Fractions, decimals and percentages Decimals up to 2 d.p. Decimals as fractions Understand thousandths Thousandths as decimals Rounding decimals Order and compare decimals Understand percentages Percentages as fractions and decimals Equivalent F.D.P Find 10%, 50%, 25%, 75% of an amount using fraction equivalents.		Consolidation Assessments
Summer	Decimals Adding decimals within 1 Subtracting decimals within 1 Complements to 1 Adding decimals – crossing the whole Adding decimals with the same number of decimal places Adding decimals with a different number of decimal places Subtracting decimals with the same number of decimal places Subtracting decimals with a different number of decimal places Adding and subtracting wholes and decimals Decimal sequences Multiplying decimals by 10, 100 and 1,000 Dividing decimals by 10, 100 and 1,000			Geometry: angles and shapes Measure angles in degrees Measuring with a protractor (1) Drawing lines and angles accurately Calculating angles on a straight line Calculating angles around a point Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3-D shapes			Geometry: Position and direction Position in the first quadrant Translation Translation with coordinates Reflection Reflection with coordinates		Measurement: converting units Kilograms and kilometres Millimetres and millilitres Metric units Imperial units Converting units of time Timetables Measurement: volume What is volume? Compare volume Estimate volume Estimate capacity		Consolidation Assessments	

YEAR 6	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	Place Value Numbers to ten million Compare and order any number Round any number Negative numbers	Addition, subtraction, multiplication and division Add and subtract integers Multiply 4-digits by 1-digit Multiply up to a 4-digit number by 2-digit number Short division Long division Factors Common factors Common multiples Primes to 100 Squares and cubes Order of operations Mental calculations and estimation Reason from known facts				Consolidation Assessments	Fractions Equivalent fractions Simplify fractions Improper fractions to mixed numbers Mixed numbers to improper fractions Fractions on a number line Compare and order fractions Add and subtract fractions Add mixed numbers Subtract mixed numbers Multiply fractions by integers Multiply fractions by fractions Divide fractions by integers Four rules with fractions Fraction of an amount				Geometry: Position & Direction The first quadrant Four quadrants Translations Reflections	Consolidation Assessments
Spring	Decimals Decimals up to three decimal places Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply decimals by integers Divide decimals by integers Division to solve problems Decimals as fractions Fractions to decimals	Percentages Understand percentages Fractions to percentages Equivalent FDP Order FDP Percentage of an amount Percentages – missing values	Algebra Find a rule – one step Find a rule – two step Forming expressions Substitution Formulae Forming equations Solve simple one-step equations Solve two-step equations Find pairs of values Enumerate possibilities		Test week	Measurement: Converting Units Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures	Measurement: area and perimeter and volume Shapes – same area Area and perimeter of rectilinear shapes Area of a triangle Area of parallelogram Volume – counting cubes Volume of a cuboid	Number: ratio Using ratio language Ratio and fractions Introducing the ratio symbol Calculating ratio Using scale factors Calculating scale factors Ratio and proportion problems		Consolidation Assessments		
Summer	Statistics Read and interpret time tables Read and interpret line graphs Draw line graphs Use line graphs to solve problems Circles Read and interpret pie charts Pie charts with percentages Draw pie charts The mean	Geometry: Properties of Shape Measure with a protractor Draw lines and angles accurately Calculate angles Vertically opposite angles Angles in a triangle Angles in a triangle – special cases Angles in a triangle – missing angles Angles in special quadrilaterals Angles in regular polygons Draw shapes accurately Draw nets of 3-D shapes			Consolidation and themed projects (review areas that need deepening/securing and prepare for secondary school. Develop investigation skill, trial and error etc)							

Cross Curricular Links

Science	Measuring and reading scales (temperature, mass, length, volume); calculations (adding, find differences), graphs, tables and charts
History	Life of mathematicians in the past, dates, timelines (BC and AD link to negative numbers), time durations
DT	Measuring, units, calculations, costs
Geography	Grids, co-ordinates, distances, heights, comparing numbers e.g. population, land area.