

Maths Progression

At Shakespeare, we believe mathematics is a fundamental part of learning that embraces every part of life. We expect children to secure a deep understanding of the topics within maths and all the knowledge and skills to back this up. We rigorously focus on developing excellent basic skills which are the foundation to fluency and our deep understanding. This understanding will allow all children to have a positive role in shaping the world around them. We also expect children to recall and apply knowledge rapidly and accurately. Children will reason and problem solve with an emphasis on real-life problems and relevant themes. Maths will allow children to be collaborative, resilient learners who, as they move from one stage to the next, take an increasing responsibility for their learning. All children will experience maths through concrete, pictorial and abstract representations. We also expect children to make connections between topics in maths, other subjects and, ultimately, the world. Finally, at Shakespeare, we want children to believe maths is something they can all achieve academic excellence in.

	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
EYFS	Match, Sort and Compare – match objects and pictures. Identify and sort items. Create rules for sorting and compare.	Circles and Triangles – identify, name and compare circles and triangles. Find shapes in the environment and describe their position.	Alive in 5 - Review numbers 1 – 5	Length and height - Digging deeper.	To 20 and Beyond - Build numbers beyond 10. Count verbally beyond 20. Add more and take away. Double.	Share and group.
	Talk about measure and patterns – compare size, mass and capacity. Explore simple patterns before copying, continuing and creating.	1, 2, 3, 4, 5 – Subitise, compose and 1 more or less.	Growing 6, 7, 8 - Representation, comparing and composition of 6, 7, 8. Subitise. Combine two groups.	Building 9 and 10 - Represent, compare and compose of 9, 10. Bonds to 10. Doubles to ten. Explore odds and evens.	Manipulate, Compose and Decompose - Select, rotate and manipulate shapes. Compose and decompose shapes. Share and group.	Identify units of repeating patterns. Explore and compare patterns. Investigate positions.
	It's me 1, 2, 3 – Find, subitise and represent 1, 2 and 3. Find 1 more and 1 less before exploring their composition.	Shapes with 4 sides – identify and combine these shapes.	Mass and Capacity. Measure length, Height and Time.	Explore 3D shapes - Name and recognise 3D shapes. Find 2D shapes within 3D shapes. Create shape patterns.		
Year 1	Number: Place Value (Within 10) – sort, count and represent objects. One more and one less. Compare and order.	Number: Addition and Subtraction: numbers up to 10. Number bonds before adding and then subtracting. Fact families.	Number: Place Value (Within 20) – Understanding up to 20. Compare and order. Use numberlines.	Measurement: Length and height – Measure and compare lengths and heights.	Number: Multiplication and division - Count in 2s, 5s and 10s, make equal groups, arrays and doubles.	Number: Place Value (Within 100) -Count to 100, compare and order numbers, partition numbers.
	Number: Addition and Subtraction - numbers up to 10. Number bonds before adding and then subtracting. Fact families.	Geometry: Shape – Recognise, name and sort 3D shapes. Make Patterns.	Number: Addition and Subtraction - numbers up to 20. Number bonds before adding and then subtracting. Fact families. Doubles. Missing numbers.	Measurement: Mass and volume - measure and compare mass and capacity.	Number: Fractions - half and quarters of shape, objects and quantities.	Measurement: Money - Recognising coins and notes.
			Number: Place Value (Within 50) – Tens and ones. Estimation. Numberlines. More or less.		Geometry: Position and Direction - whole, half, quarter and 3 quarter turns.	Measurement: Time – Dates days, months, time to the hour and half past.
Year 2	Number: Place Value - up to 100, comparing and ordering numbers. Counting in 2,5,10.	Geometry: Shape – recognise 2D and 3D shape, lines of symmetry.	Measurement: Money – recognising value of coins and notes and adding coins and notes.	Measurement: Length, Height, Mass, Capacity and Temperature – measuring each of these, comparing, ordering and using them within the four operations.	Number: Fractions - find half, quarter, thirds, count in fractions.	Geometry: Position and direction - Describe movements, turns and make patterns.
	Number: Addition and Subtraction - bonds to 20 and 100, add and subtract 2 digit to 2 digit numbers.	Number: Addition and Subtraction - adding 2 digit and 2 digit and subtracting a 2 digit number from a 2 digit number. Missing Number problems.	Number: Multiplication and division - Make equal groups by sharing and grouping of 2s, 5s and 10s, odd and even numbers.		Measurement: Time – know the time to o'clock, half past, quarter past and quarter to.	Statistics: tally charts, pictograms, block diagrams.
						Revisit and review past learning: Money Time Measure Two-step problems Fractions
Year 3	Number: Place Value - up to 1000. Partitioning, numberlines, estimates, comparing and ordering.	Number: Addition and Subtraction – Continuing previous topic.	Number: Multiplication and Division – Formal methods for Year 3 for 2 digit by 1-digit multiplications and divisions.	Number: Fractions - tenths, tenths as decimals, fractions on a number line, fractions of a set of objects.	Number: Fractions - equivalent fractions, compare, order, add and subtract fractions.	Geometry: Properties of shape - draw and compare angles, horizontal and vertical, parallel and perpendicular, 2D, 3D shapes.



Maths Progression

	Number: Addition and Subtraction - up to 3 digits using formal methods. Estimates, inverse, exchanges.	Number: Multiplication and Division - 2, 5, 10, 3, 4 and 8 multiplication tables.	Measurement: Length and Perimeter - add and subtract, equivalent lengths, mm, cm, m.	Measurement: Mass and Capacity - measure, compare, add and subtract.	Measurement: Money - convert, add and subtract, give change.	Statistics: pictograms, bar charts, tables.
Year 4	Number: Place Value - up to 10,000, negative numbers. Estimations, partitioning, comparing and ordering. Rounding and Roman numerals.	Number: Addition and Subtraction - up to 4 digits using efficient methods.	Number: Multiplication and Division - efficient multiplication method, factors, multiply and divide 2- and 3-digit numbers by 1 digit.	Number: Decimals - make a whole, write, compare and order decimals. Identify halves and quarters as decimals.	Number: Decimals - tenths and hundredths. Comparing, ordering and rounding.	Geometry: Shape - Properties of 2D and 3D shapes
	Number: Addition and Subtraction - up to 4 digits using efficient methods.	Measurement: Area - Counting squares, making shapes and comparing area.	Measurement: Length and perimeter - measuring and converting measurements of length. Finding the perimeter of rectilinear shapes.	Number: Fractions - equivalent fractions, fractions greater than 1, count in fraction, add fractions, subtract from whole amounts, and calculate fractions of a quantity.	Measurement: Money - pounds and pence, order money, round money to estimate. Solve problems using all 4 operations.	Statistics: Read and interpret line graphs, two-way tables and timetables.
		Number: Multiplication and Division - Recap of all multiplication tables. 11- and 12-times multiplication and division facts.		Number: Decimals - tenths and hundredths, divide 1 and 2 digits by 10, 100.	Measurement: Time - Read, write and convert time between analogue and digital 12 and 24-hour clocks.	Geometry: Position and direction - Describe position and draw and move shapes on a grid
Year 5	Number: Place Value - Understand, order and compare numbers up to 1,000,000. Rounding. Roman numerals.	Number: Multiplication and Division - Factors, multiples, prime, squares and cubes. Multiply and divide by powers of ten.	Number: Multiplication and Division - Formal methods for multiplication up to 4-digit by 2-digit and division up to 4-digit by 1-digit and dividing with remainders.	Number: Decimals and Percentages - Decimals up to 3 decimal places, comparing ordering and rounding. Percentages as fractions and decimals and equivalence.	Geometry: Properties of Shape - Draw and find angles accurately. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons.	Number: Decimals - Adding and subtracting decimals below and above one and adding and subtracting wholes and decimals. Decimal sequences. Multiplying and dividing decimals by powers of 10.
	Number: Addition and Subtraction - whole numbers using the column method up to 4 digits checking with the inverse operation.	Number: Fractions - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Compare and order fractions, including fractions > 1.	Number: Fractions - Add, subtract and multiply fractions and finding fractions of an amount.	Measurement: Perimeter and Area - Measure perimeter of shapes, rectilinear and counting. Area of rectangle, compound shapes and irregular shapes.	Geometry: Position and Direction - Reflection and translation with coordinates.	Measurement: Converting Units - Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit.
				Statistics: Draw line graphs, read and interpret line graphs, read and interpret tables and two-way tables, read and interpret timetables.		Measurement: Volume - Compare and estimate volume and capacity.
						Number: Place Value - Understand negative numbers, count in negative numbers. Compare and order negative numbers.



Maths Progression

Year 6	Number: Place Value - up to 10,000,000.	Number: Fractions - Add and subtract fractions from fractions and wholes. Multiply proper fractions and mixed numbers by whole numbers. Find fractions of an amount.	Number: Decimals, Fractions and Percentages - Read, write, order and compare numbers with up to three decimal places. Multiply and divide decimals.	Number: Decimals, Fractions and Percentages - Converting between the three. Percentages of an amount.	Geometry: Property of shape - Measuring with a protractor, finding angles, drawing nets of 3D shapes.	Measurement: Reading and understanding timetables - Problem solving involving measurement.
	Number: Addition, Subtraction, Multiplication, Division - Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication. Divide numbers up to 4 digits by a 2-digit whole number using the formal written method of long division.	Measurement: Converting measures - Metric measures to imperial and converting between metric measures.	Algebra: Function machines, formulae and multi-step problems.	Measurement: Converting units - Perimeter, Area and Volume. Measure and calculate the perimeter and area of composite rectilinear shapes in cm and m, cm ² and m ² .	Geometry: Direction and Position - The first quadrant, the four quadrants, translations and reflections.	Entrepreneurship challenges: Set up a business to develop an understanding of profits, costs etc
	Number: Multiplication and division - Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.		Ratio and Proportion: Language around ratio, calculating ratios and scale factors and introducing problems.	Statistics: Read, interpret and draw line graphs. Pie charts and finding the mean value.		

Mathematics Progression Grid

	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
Number – Number and Place Value	It's me 1, 2, 3 – Find, subitise and represent 1, 2 and 3. Find 1 more and 1 less before exploring their composition. 1, 2, 3, 4, 5 – Subitise, compose and 1 more or less. Alive in 5 - Review numbers 1 – 5 Growing 6, 7, 8 - Representation, comparing and composition of 6, 7, 8. Subitise. Combine two groups. Building 9 and 10 - Represent, compare and compose of 9, 10. Bonds to 10. Doubles to ten. Explore odds and evens. To 20 and Beyond - Build numbers beyond 10. Count verbally beyond 20. Add more and take away. Double.	Number: Place Value (Within 10) – sort, count and represent objects. One more and one less. Compare and order. Number: Place Value (Within 20) – Understanding up to 20. Compare and order. Use numberlines. Number: Place Value (Within 50) – Tens and ones. Estimation. Numberlines. More or less. Number: Place Value (Within 100) - Count to 100, compare and order numbers, partition numbers.	Number: Place Value - up to 100, comparing and ordering numbers. Counting in 2,5,10.	Number: Place Value - up to 1000. Partitioning, numberlines, estimates, comparing and ordering.	Number: Place Value - up to 10,000, negative numbers. Estimations, partitioning, comparing and ordering. Rounding and Roman numerals.	Number: Place Value - Understand, order and compare numbers up to 1,000,000. Rounding. Roman numerals. Number: Place Value - Understand negative numbers, count in negative numbers. Compare and order negative numbers.	Number: Place Value - up to 10,000,000.



Maths Progression

Number – Addition and Subtraction		Number: Addition and Subtraction - numbers up to 10. Number bonds before adding and then subtracting. Fact families. Number: Addition and Subtraction - numbers up to 20. Number bonds before adding and then subtracting. Fact families. Doubles. Missing numbers.	Number: Addition and Subtraction - bonds to 20 and 100, add and subtract 2 digit to 2 digit numbers. Number: Addition and Subtraction - adding 2 digit and 2 digit and subtracting a 2 digit number from a 2 digit number. Missing Number problems.	Number: Addition and Subtraction - up to 3 digits using formal methods. Estimates, inverse, exchanges.	Number: Addition and Subtraction - up to 4 digits using efficient methods.	Number: Addition and Subtraction - whole numbers using the column method up to 4 digits checking with the inverse operation.	Number: Addition, Subtraction, Multiplication, Division - Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication.
Number – Multiplication and Division	Share and group.	Number: Multiplication and division - Count in 2s, 5s and 10s, make equal groups, arrays and doubles.	Number: Multiplication and division - Make equal groups by sharing and grouping of 2s, 5s and 10s, odd and even numbers.	Number: Multiplication and Division - 2, 5, 10, 3, 4 and 8 multiplication tables. Number: Multiplication and Division – Formal methods for Year 3 for 2 digit by 1-digit multiplications and divisions.	Number: Multiplication and Division – Recap of all multiplication tables. 11- and 12-times multiplication and division facts. Number: Multiplication and Division - efficient multiplication method, factors, multiply and divide 2- and 3-digit numbers by 1 digit.	Number: Multiplication and Division - Factors, multiples, prime, squares and cubes. Multiply and divide by powers of ten. Number: Multiplication and Division - Formal methods for multiplication up to 4-digit by 2-digit and division up to 4-digit by 1-digit and dividing with remainders.	Number: Addition, Subtraction, Multiplication, Division - Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication. Number: Multiplication and division - Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
Number – Fractions (including decimals and percentages)		Number: Fractions - half and quarters of shape, objects and quantities.	Number: Fractions - find half, quarter, thirds, count in fractions.	Number: Fractions - tenths, tenths as decimals, fractions on a number line, fractions of a set of objects. Number: Fractions - equivalent fractions, compare, order, add and subtract fractions.	Number: Decimals - make a whole, write, compare and order decimals. Identify halves and quarters as decimals. Number: Fractions - equivalent fractions, fractions greater than 1, count in fraction, add fractions, subtract from whole amounts, and calculate fractions of a quantity. Number: Decimals - tenths and hundredths, divide 1 and 2 digits by 10, 100. Number: Decimals - tenths and hundredths. Comparing, ordering and rounding.	Number: Fractions - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Compare and order fractions, including fractions > 1. Number: Fractions - Add, subtract and multiply fractions and finding fractions of an amount. Number: Decimals and Percentages - Decimals up to 3 decimal places, comparing ordering and rounding. Percentages as fractions and decimals and equivalence. Number: Decimals - Adding and subtracting decimals below and above one and adding and subtracting wholes and decimals. Decimal sequences. Multiplying and dividing decimals by powers of 10.	Number: Fractions - Add and subtract fractions from fractions and wholes. Multiply proper fractions and mixed numbers by whole numbers. Find fractions of an amount. Number: Decimals, Fractions and Percentages - Read, write, order and compare numbers with up to three decimal places. Multiply and divide decimals.
Measurement	Talk about measure and patterns – compare size, mass and capacity. Explore simple patterns before copying, continuing and creating. Mass and Capacity. Measure length, Height and Time. Length and height - Digging deeper.	Measurement: Length and height – Measure and compare lengths and heights. Measurement: Mass and volume - measure and compare mass and capacity. Measurement: Money - Recognising coins and notes. Measurement: Time – Dates days, months, time to the hour and half past	Measurement: Money – recognising value of coins and notes and adding coins and notes. Measurement: Length, Height, Mass, Capacity and Temperature – measuring each of these, comparing, ordering and using them within the four operations. Measurement: Time – know the time to o'clock, half past, quarter past and quarter to.	Measurement: Length and Perimeter - add and subtract, equivalent lengths, mm, cm, m. Measurement: Mass and Capacity - measure, compare, add and subtract. Measurement: Money - convert, add and subtract, give change. Measurement: Time - months, years, hours, telling the time to 5 mins, am/pm, 24-hour clock, start/end and duration.	Measurement: Area - Counting squares, making shapes and comparing area. Measurement: Length and perimeter - measuring and converting measurements of length. Finding the perimeter of rectilinear shapes. Measurement: Money - pounds and pence, order money, round money to estimate. Solve problems using all 4 operations. Measurement: Time - Read, write and convert time between analogue and digital 12 and 24-hour clocks.	Measurement: Perimeter and Area - Measure perimeter of shapes, rectilinear and counting. Area of rectangle, compound shapes and irregular shapes. Measurement: Converting Units - Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit. Measurement: Volume - Compare and estimate volume and capacity.	Measurement: Converting measures - Metric measures to imperial and converting between metric measures. Measurement: Converting units - Perimeter, Area and Volume. Measure and calculate the perimeter and area of composite rectilinear shapes in cm and m, cm ² and m ² . Measurement: Reading and understanding timetables - Problem solving involving measurement.



Maths Progression

Geometry – Properties of Shape	Circles and Triangles – identify, name and compare circles and triangles. Find shapes in the environment and describe their position. Shapes with 4 sides – identify and combine these shapes. Explore 3D shapes - Name and recognise 3D shapes. Find 2D shapes within 3D shapes. Create shape patterns. Manipulate, Compose and Decompose - Select, rotate and manipulate shapes. Compose and decompose shapes. Share and group. Identify units of repeating patterns. Explore and compare patterns. Investigate positions.	Geometry: Shape – Recognise, name and sort 3D shapes. Make Patterns.	Geometry: Shape – recognise 2D and 3D shape, lines of symmetry.	Geometry: Properties of shape - draw and compare angles, horizontal and vertical, parallel and perpendicular, 2D, 3D shapes.	Geometry: Shape - Properties of 2D and 3D shapes.	and find angles accurately. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons.	Geometry: Property of shape - Measuring with a protractor, finding angles, drawing nets of 3D shapes.
Geometry – Position and Direction		Geometry: Position and Direction - whole, half, quarter and 3 quarter turns.	Geometry: Position and direction - Describe movements, turns and make patterns.		Geometry: Position and direction - Describe position and draw and move shapes on a grid	Geometry: Position and Direction - Reflection and translation with coordinates.	Geometry: Direction and Position - The first quadrant, the four quadrants, translations and reflections.
Statistics			Statistics: tally charts, pictograms, block diagrams.	Statistics: pictograms, bar charts, tables.	Statistics: Read and interpret line graphs, two-way tables and timetables.	Statistics: Draw line graphs, read and interpret line graphs, read and interpret tables and two-way tables, read and interpret timetables.	Statistics: Read, interpret and draw line graphs. Pie charts and finding the mean value.
Number - Ratio and Proportion (Y6 Only)							Ratio and Proportion: Language around ratio, calculating ratios and scale factors and introducing problems.
Number - Algebra (Y6 Only)							Algebra: Function machines, formulae and multi-step problems.
<u>Vocabulary</u>	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
Number – Place Value	Number; zero, numbers to 20, count, forwards, backwards, how many, more, fewer, equal, group, order, largest, smallest, less, even, odd.	Numbers to 100; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most.	2-digit; base 10; pattern; sequence; Numbers to one hundred Hundreds Partition, recombine Hundred more/less	Numbers to one thousand; 3-digit; thousand; ascending, descending;	Numbers to ten thousand; Roman numerals to one hundred; round, nearest; approximately; negative, minus, count through zero; tenths, hundredths, 0.25, 0.5, 0.75.	Numbers to a million; Roman numerals to one thousand; powers of 10.	Numbers to ten million. Algebra: Function, input, output; algebra, algebraic, rule; expression; substitute; formula, formulae; equation; value, possible values, enumerate.



Maths Progression

Number – Addition and Subtraction	One more, one less, altogether, how many are left? Same, different, number bond, part-whole, add, take-away	Number bonds, part, whole; plus; fact family, addition sentence, number sentence; how many more; number line; commutative; addition, more, make, sum, total, add together, altogether; calculation; Inverse equals, is the same as (including equals sign); subtract, subtraction, take away, minus; difference between, what is the difference? how many more?, how many less? how much more is?	Bar model; operation, inverse operation; column; exchange; bridge; method;	Column, column addition and subtraction; regroup; efficient; estimate.	Formal method, addend, subtrahend, minuend	Place holder.	
Number-Multiplication and Division	Double, half, halve, halving, pairs, twice as many, share, equal, unequal, group, left over	How many altogether? How may are there?; groups, groups of, equal groups, unequal groups; row, column, array; number sentence; double, doubles; equal groups of 2, equal groups of 5, equal groups of 10; share, sharing, equally, odd, even,	Times-table; facts; multiples; repeated addition; lots of; of; multiply; multiplied by; times; commutative; twos, fives, tens, threes; array; go into; divide, divide between, division, dividing; grouping, sharing;	Fours, eights; remainder; divisor, dividend, quotient.	Sixes, sevens, nines; produce, product; associative law; commutativity; factor, factor pair; formal method;	Common factor, prime number, composite number, prime factor, square number, cubed number; round up/down.	Order of operations, BIDMAS; common multiple, lowest common multiple.
Number-Fractions	Half, halve, halving	Whole, parts, equal parts, the same; split; groups; share; equally; quarter; four equal parts One half, two halves A quarter, two quarters	Two quarters, three quarters, one third, two thirds; unit fraction, numerator, denominator, vinculum; equivalence, equivalent.	Non-unit fraction; tenths, two tenths, three tenths etc; two thirds; fifth, sixth, ninth; decimal, decimal point;	Proper fraction, improper fraction, mixed number; hundredths; Gattegno chart.	Common denominator; thousandth; simplify, simplified; convert; per cent, percentage, per hundred;	Cancel, highest common factor, common numerator. Ratio, proportion; for every_ there are_, : (to); enlargement, scale factor.
Measurement	Now, before, soon, later, after, next, fastest; time, yesterday, today, tomorrow, day, week, weekend, month, year; Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter; birthday, holiday; Morning, afternoon, evening, night, midnight bedtime, dinner/lunch time, playtime; length, height, breadth, tall, short, long, tallest, shortest, longest, longer/shorter, taller/shorter, wider/narrower, weigh, weight, heavy, heavier, heaviest, light, lighter, lightest, balance	Length, measure, measuring; ruler, cm; mass; balance, scale; volume, full, half full, quarter full, empty; capacity; holds, Container; money; value; coin; note; amount; 1p, 2p, 5p, 10p, 20p, 50p, £1, £2, £5, £10; hour, o'clock, half past, clock, watch, hands; hour, minute, second; before, after next, last now, soon, early, late quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly old, older, oldest, new, newer, newest	Change, total; distance; metres; g/kg; ml/l; temperature, thermometer, degrees Celsius, increase, decrease, warmer, colder; quarter past/to, 5 past, 10 past, twenty to etc, start, duration, end, interval, how long...? When did it start /end /finish...?, seconds;	mm; perimeter; leap year; minutes past/to; a.m., p.m.; analogue, digital; twelve-hour /twenty-four- hour clock; Roman numerals I to XIII.	Km; rectilinear; area, square centimetres; warmest, coldest.	Imperial units, metric units, inches, lbs, pints; timetable; compound shape; volume, capacity, cm cubed/cubic cm.	Tonnes, ounces, stone, miles.
Geometry-Shape	Shape, circle, triangle, rectangle, square, side, straight, curved, cylinder, cube, cuboid, cone, sphere, pyramid, face, same, different, pattern.	Polygon, 2D, 3D, group, sort, corner (point, pointed) Face, side, edge Make, build, draw.	Pentagon, hexagon, octagon, quadrilateral; prism; vertices, vertex; rotate; Symmetry, symmetrical, line of symmetry; horizontal, vertical; Fold; pattern, repeating pattern.	Parallel, perpendicular; surface; acute angle, obtuse angle.	Isosceles, scalene, equilateral; rhombus, parallelogram, trapezium; regular polygon; mirror line, reflect.	Degrees, protractor, reflex angle; irregular polygon, dimensions; net.	Vertically opposite (angles), internal angles; circumference, radius, diameter, centre.
Geometry-Position and direction	On, next to, over, under, around, through.	Turn, full, half, quarter, three quarter; direction; movement, move; position; left, right, up, down; top, bottom, middle, above, below, between; in front, behind	Direction, forwards, backwards; right angle; rotation, Clockwise, anticlockwise.	North, South, East, West; angle, point, acute, obtuse; ninety degrees Orientation (same orientation, different orientation)	Coordinates, translation, first quadrant, x-axis, y-axis.	Reflection, reflect.	Four quadrants.



Maths Progression

Statistics			Count, tally, tally chart, table; data, represent, sort; pictogram, symbol; block diagram, axis; label, title, scale; most popular, most common, least popular, least common; Venn diagram, Carroll diagram.	Chart, bar chart; frequency table, Carroll diagram, Diagram	Continuous data, discrete data; line graph, x-axis, y-axis.		Mean, pie chart.
------------	--	--	--	---	---	--	------------------

