



EYFS		KS1		KS2				
Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Place Value	Can I count verbally as far as they can go?	Can I recite numbers from 0 to 10 (and beyond) and back from 10 to 0?	Can I count to and across 100, forward and backwards, beginning with 0 or 1 from any number?	Can I count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward?	Can I count from 0 in multiples of 4, 8, 50 and 100?	Can I count in multiples of 6, 7, 9, 25 and 1,000?	Can I count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000?	Can I read and write numbers to at least 10,000,000?
	Can I point or touch (tags) each item, saying one number for each item, using the stable order of 1,2,3,4,5?	Can I count out up to 10 objects from a larger group?	Can I count in multiples of 2, 5 and 10?	Can I read and write numbers to at least 100 in numerals and in words?	Can I compare and order numbers up to 1,000?	Can I order and compare numbers beyond 1,000?	Can I read, write, order and compare numbers to at least 1,000,000?	Can I order and compare numbers to at least 10,000,000?
	Can I use some number names and number language within play, and may show fascination with large numbers?	Can I engage in subitising numbers to four and maybe five?	Can I count, read and write numbers to 100 in numerals?	Can I compare and order numbers from 0 up to 100; using $<$ $>$ $=$ signs?	Can I read and write numbers to 1,000 in numerals and words?	Can I find 1,000 more or less than a given number?	Can I determine the value of each digit in numbers up to 1,000,000?	Can I determine the value of each digit in numbers up to 10,000,000?
	Can I begin to recognise numerals 0 to 10?	Am I increasingly confident at putting numerals in order 0 to 10 (ordinality)?	Can I say what is one more or one less than any number?	Can I recognise the place value of each digit in a 2-digit number?	Can I find 10 or 100 more or less than a given number?	Can I recognise the place value of each digit in a 4-digit number?	Can I read Roman numerals to 100 and know that over time the numeral system changed to include the concept of zero and place value?	Can I round any whole number to a required degree of accuracy?
	Can I subitise one, two and three objects (without counting)?	Can I match the numeral with a group of items to show how many there are (up to 10)?	Can I read and write numbers from 1 to 20 in numerals and words?	Can I identify, represent and estimate numbers using different representations, including the number line?	Can I recognise the place value of each digit in a 3-digit number?	Can I read Roman numerals to 1,000 (M) and recognise years written in Roman numerals?	Can I use negative numbers in context and calculate intervals across zero?	
	Can I link numerals with amounts up to 5 and maybe beyond?	Can I use number names and symbols when comparing numbers, showing interest in large numbers?	Can I identify and represent numbers using objects and pictorial representations including the number line and use the language of: equal to, more than, less than (fewer), most least?	Can I identify, represent and estimate numbers using different representations, including the number line?	Can I identify, represent and estimate numbers using different representation?	Can I round any number up to 1,000,000 to the nearest 10, 100, 1000, 10000 and 100000?	Can I solve number problems and practical problems that involve all of the above.?	
	Can I compare two small groups of up to five objects, saying when there are the same number of objects in each group?	Can I estimate of numbers of things, showing understanding of relative size?		Can I use place value and number facts to solve problems?	Can I solve number problems and practical problems using above?	Can I identify, represent and estimate numbers using different representations?	Can I interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero?	
					Can I round any number to the nearest 10, 100 or 1,000?	Can I solve number problems and practical problems with the above?		
					Can I count backwards through zero to include negative numbers?			
					Can I solve number and practical problems with the above (involving increasingly large numbers)?			

Addition and Subtraction

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Can I count up to five items, recognising that the last number said represents the total counted so far (cardinal principle)?</p> <p>Can I explore using a range of their own marks and signs to which they ascribe mathematical meanings?</p> <p>Through play and exploration, can I begin to learn that numbers are made up (composed) of smaller numbers</p> <p>Can I begin to recognise that each counting number is one more than the one before</p> <p>Can I begin to use understanding of number to solve practical problems in play and meaningful activities</p> <p>Can I separate a group of three or four objects in different ways, beginning to recognise that the total is still the same?</p>	<p>Can I begin to explore and work out mathematical problems, using signs and strategies of their own choice, including (when appropriate) standard numerals, tallies and + or -?</p> <p>Can I show awareness that numbers are made up (composed) of smaller numbers, exploring partitioning in different ways with a wide range of objects?</p> <p>In practical activities, can I add one and subtracts one with numbers to 10?</p> <p>Can I begin to conceptually subitise larger numbers by subitising smaller groups within the number, e.g. sees six raisins on a plate as three and three?</p>	<p>Can I represent and use number bonds and related subtraction facts to 20?</p> <p>Can I add and subtract 1-digit and 2-digit numbers to 20, including zero?</p> <p>Can I read, write and interpret mathematical statements involving addition, subtraction and equals signs?</p> <p>Can I solve one-step problems that involve addition and subtraction, using objects and pictorial representations?</p> <p>Can I solve missing number problems?</p>	<p>Can I recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100?</p> <p>Can I add and subtract mentally, including: a 2-digit number and ones; a 2-digit number and tens; Two 2-digit numbers; adding three 1-digit numbers?</p> <p>Can I add and subtract numbers using concrete objects and pictorial representations, including: a 2-digit number and ones; a 2-digit number and tens; two 2-digit numbers; adding three 1-digit numbers?</p> <p>Can I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems?</p> <p>Can I solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures?</p> <p>Can I solve problems with addition and subtraction applying my increasing knowledge of mental and written methods?</p>	<p>Can I add and subtract mentally, including: a 3-digit number and ones; a 3-digit number and tens; a 3-digit number and hundreds?</p> <p>Can I add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction?</p> <p>Can I estimate the answer to a calculation and use inverse operation to check answers?</p> <p>Can I solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction?</p>	<p>Can I add and subtract numbers with up to 4-digits using the formal written methods of columnar addition and subtraction?</p> <p>Can I estimate and use inverse operations to check answers in a calculation?</p> <p>Can I solve addition and subtraction 2-step problems in contexts, deciding which operations and methods to use and why?</p>	<p>Can I add and subtract numbers mentally with increasingly large numbers?</p> <p>Can I add and subtract whole numbers with more than 4 digits, including using formal written methods?</p> <p>Can I use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy?</p> <p>Can I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why?</p>	<p>Can I use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy?</p> <p>Can I solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why?</p>

Multiplication and Division

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<p>Can I solve one-step problems involving multiplication and division, by using concrete objects, pictorial representations and arrays?</p>	<p>Can I recall and use multiplication and division facts for the 2, 5 and 10x tables, including recognising odd and even numbers?</p> <p>Can I calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication, division and equals signs?</p> <p>Can I solve one-step problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context?</p> <p>Can I show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot?</p> <p>Can I show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot?</p>	<p>Can I recall and use multiplication and division facts for the 3, 4 and 8x tables?</p> <p>Can I write and calculate mathematical statements for multiplication and division using the multiplication tables, including for 2-digit numbers x 1-digit numbers, using mental and progressing to formal written methods?</p> <p>Can I solve problems, including missing number problems, involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication & division facts, including problems in context?</p>	<p>Can I recall and use multiplication and division facts up to 12x12?</p> <p>Can I use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers?</p> <p>Can I recognise and use factor pairs and commutativity in mental calculations?</p> <p>Can I multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout?</p> <p>Can I solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems and harder correspondence problems?</p>	<p>Can I identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers?</p> <p>Can I use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers?</p> <p>Can I establish whether a number up to 100 is prime and recall prime numbers up to 19?</p> <p>Can I recognise and use square numbers and cube numbers, and the notation for squared and cubed?</p> <p>Can I multiply and divide numbers mentally drawing on known facts?</p> <p>Can I multiply and divide whole numbers and those involving decimals by 10, 100 and 1000?</p> <p>Can I multiply numbers up to 4 digits by a 1-digit or 2-digit number using a formal written method, including long multiplication for 2-digit numbers?</p> <p>Can I divide numbers up to 4 digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context?</p> <p>Can I solve problems involving multiplication and division including using knowledge of factors and multiples, squares and cubes?</p>	<p>Can I identify common factors, common multiples and prime numbers?</p> <p>Can I perform mental calculations, including with mixed operations and large numbers?</p> <p>Can I multiply multi-digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication?</p> <p>Can I divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context?</p> <p>Can I divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate?</p> <p>Can I solve problems involving addition, subtraction, multiplication and division?</p> <p>Can I use my knowledge of the order of operations to carry out calculations involving the four operations?</p>

							<p>Can I solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign?</p> <p>Can I solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates?</p>	
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Fractions, Decimals and Percentages

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions							
		<p>Can I recognise, find and name a half of an object, shape or quantity?</p> <p>Can I recognise, find and name a quarter of an object, shape or quantity?</p>	<p>Can I recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity?</p> <p>Can I write simple fractions?</p> <p>Can I recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$?</p>	<p>Can I count up and down in tenths?</p> <p>Can I recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10?</p> <p>Can I recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators?</p> <p>Can I recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators?</p> <p>Can I recognise and show, using diagrams, equivalent fractions with small denominators?</p> <p>Can I compare and order unit fractions and fractions with the same denominators?</p> <p>Can I add and subtract fractions with the same denominator within one whole?</p> <p>Can I solve problems involving fractions?</p>	<p>Can I count up and down in hundredths?</p> <p>Can I recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten?</p> <p>Can I recognise and show using diagrams, families of common equivalent fractions?</p> <p>Can I add and subtract fractions with the same denominator?</p> <p>Can I recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$?</p> <p>Can I solve problems involving increasingly harder fractions and fractions to divide quantities, including non-unit fractions where the answer is a whole number?</p>	<p>Can I recognise mixed numbers and improper fractions and convert from one form to the other?</p> <p>Can I write mathematical statements >1 as a mixed number?</p> <p>Can I identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths?</p> <p>Can I compare and order fractions whose denominators are multiples of the same number?</p> <p>Can I add and subtract fractions with the same denominator and denominators that are multiples of the same number?</p> <p>Can I multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams?</p> <p>Can I read and write decimal numbers as fractions?</p> <p>Can I recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents?</p>	<p>Can I use common factors to simplify fractions and use common multiples to express fractions in the same denomination?</p> <p>Can I compare and order fractions, including fractions >1?</p> <p>Can I add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions?</p> <p>Can I multiply simple pairs of proper fractions, writing the answer in the simplest form?</p> <p>Can I divide proper fractions by whole numbers?</p> <p>Can I associate a fraction with division to calculate decimal fractions equivalents for a simple fraction?</p>

Decimals

					<p>Can I recognise and write decimal equivalents of any number of tenths or hundredths?</p> <p>Can I round decimals with one decimal place to the nearest whole number?</p> <p>Can I compare numbers with the same number of decimal places up to 2 decimal places?</p> <p>Can I find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths?</p> <p>Can I solve simple measure and money problems involving fractions and decimals to 2 decimal places?</p>	<p>Can I round decimals with 2 decimal places to the nearest whole number and 1 decimal place?</p> <p>Can I read, write, order and compare numbers with up to 3 decimal places?</p> <p>Can I solve problems involving numbers up to 3 decimal places?</p>	<p>Can I identify the value of each digit to 3 decimal places?</p> <p>Can I multiply and divide numbers with up to 3 decimal places by 10, 100 and 1000 giving answers up to 3 decimal places?</p> <p>Can I multiply 1-digit numbers with up to 2 decimal places by whole numbers?</p> <p>Can I use written division methods in cases where the answer has up to 2 decimal places?</p> <p>Can I solve problems which require answers to be rounded to specified degrees of accuracy?</p>
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Percentages

					<p>Can I recognise the percent symbol and understand that percent relates to 'number parts per hundred'?</p> <p>Can I write percentages as a fraction with denominator hundred, and as a decimal?</p> <p>Can I solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator or a multiple of 10 or 25?</p>	<p>Can I recall and use equivalences between simple fractions, decimals and percentages, including in different contexts?</p> <p>Can I solve problems involving the calculation of percentages of whole numbers or measures and the use of percentages for comparisons?</p>
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Ratio and Proportion	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
								<p>Can I solve problems involving the relative sizes of two quantities, where missing values can be found using integer multiplication and division facts?</p> <p>Can I solve problems involving similar shapes where the scale factor is known or can be found?</p> <p>Can I solve problems involving unequal sharing and grouping using knowledge of fractions and multiples?</p>

Algebra	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<p>Can I create my own spatial patterns showing some organisation or regularity?</p> <p>Can I explore and adds to simple linear patterns of two or three repeating items, e.g. stick, leaf (AB) or stick, leaf, stone (ABC)?</p> <p>Can I join in with simple patterns in sounds, objects, games and stories dance and movement, predicting what comes next?</p>	<p>Can I spot patterns in the environment, beginning to identify the pattern "rule"?</p> <p>Can I choose familiar objects to create and recreate repeating patterns beyond AB patterns and begins to identify the unit of repeat?</p>	<p>Can I solve one-step problems that involve addition and subtraction, using objects and pictorial representations?</p>	<p>Can I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems?</p>	<p>Can I solve problems, including missing number problems?</p>			<p>Can I express missing number problems algebraically?</p> <p>Can I use simple formulae?</p> <p>Can I generate and describe linear number sequences?</p> <p>Can I find pairs of numbers that satisfy an equation with two unknowns?</p> <p>Can I enumerate possibilities of combinations of two variables?</p>

Measurement (Using Measure, Money, Time,

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
In meaningful contexts, can I find the longer or shorter, heavier or lighter and more/less full of two items?	<p>Can I tackle problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy?</p> <p>Am I becoming familiar with measuring tools in everyday experiences and play?</p>	<p>Can I compare, describe and solve practical problems for lengths and heights; mass/weight; capacity and volume; and time?</p> <p>Can I measure and begin to record lengths and heights; mass/weight; capacity and volume; and time (hours, minutes, seconds)?</p>	<p>Can I compare and order lengths, mass, volume/capacity and record the results using $>$ $<$ and $=$?</p> <p>Can I choose and use standard units to estimate and measure length/height in any direction (m/cm); mass (g/kg); temperature ($^{\circ}$C); capacity (ml/l) to the nearest unit using a range of equipment?</p>	<p>Can I compare and measure: lengths using m, cm & mm; mass using kg & g; volume/capacity using l & ml?</p> <p>Can I add and subtract :lengths using m, cm & mm; mass using kg & g; volume/capacity using l & ml?</p>	<p>Can I compare, estimate and calculate different measures?</p> <p>Can I convert between different units of measurements?</p>	<p>Can I use all four operations to solve problems involving measure using decimal notation, including scaling?</p> <p>Can I convert between different units of metric measure?</p> <p>Can I show an understanding of, and use approximate equivalences between, metric units and common imperial units, such as inches, pounds and pints?</p>	<p>Can I 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, and vice versa, using decimal notation of up to 3 decimal places?</p> <p>Can I convert between miles and kilometres?</p> <p>Can I solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate?</p>

Money

		Can I recognise and know the value of different denominations of coins and notes?	<p>Can I recognise and use symbols for £ and p and combine amounts to make a particular value?</p> <p>Can I find different combinations of coins that equal the same amount of money?</p> <p>Can I solve simple problems in a practical context involving addition and subtraction of money of the same units, including giving change?</p>	Can I add and subtract amounts of money to give change, using both £ and p in a practical context?	Can I compare, estimate and calculate different measures, including money in £ and p?	Can I use all four operations to solve problems involving money?	
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Time

<p>Can I recall a sequence of events in everyday life and stories?</p>	<p>Am I increasingly able to order and sequence events using everyday language related to time?</p> <p>Can I begin to experience measuring time with timers and calendars?</p>	<p>Can I tell the time to the hour and half past the hour and draw hands on a clock face to show these times?</p> <p>Can I recognise and use language relating to dates, including days, weeks, months and years?</p> <p>Can I sequence events in chronological order using language?</p>	<p>Can I compare and sequence intervals of time?</p> <p>Can I demonstrate knowledge of the number of minutes in an hour and hours in a day?</p> <p>Can I tell and write the time to five minutes, including quarter to/past and draw the hands on a clock face to show these times?</p>	<p>Can I tell and write the time from an analogue clock (12 hour clock/24 hour/Roman numerals)?</p> <p>Can I estimate and read time with increasing accuracy to the nearest minute?</p> <p>Can I record and compare time in terms of seconds, minutes and hours?</p> <p>Can I use the following vocabulary: o'clock, am, pm, morning, afternoon, noon & midnight?</p> <p>Can I demonstrate knowledge of the number of seconds in a minute?</p> <p>Can I demonstrate knowledge of the number of days each month, year and leap year?</p> <p>Can I compare the duration of events?</p>	<p>Can I read, write and convert time between analogue and digital 12 and 24 hour clocks?</p> <p>Can I solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days?</p>	<p>Can I solve problems involving converting between units of time?</p>	
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Area and Perimeter

Can I measure the perimeter of simple 2D shapes?

Can I find the area of rectilinear shapes by counting squares?

Can I calculate and compare the area of rectangles (incl. squares), and including using standard units (cm^2 and cm^3) to estimate the area of irregular shapes?

Can I calculate the area of parallelograms and triangles?

Can I measure and calculate the perimeter of a rectilinear figure in cm and m?

Can I estimate volume and capacity?

Can I recognise when it is possible to use the formulae for the area of shapes?

Can I measure and calculate the perimeter of composite rectilinear shapes in cm and m?

Can I calculate, estimate and compare volume of cubes and cuboids, using standard units?

Can I recognise when it is possible to use the formulae for the volume of shapes?

Can I recognise that shapes with the same areas can have different perimeters and vice versa?

Geometry – properties of shapes

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Can I choose items based on their shape which are appropriate for the child's purpose?</p> <p>Can I respond to both informal language and common shape names?</p> <p>Can I show awareness of shape similarities and differences between objects?</p> <p>Can I partition and combining shapes to make new shapes with 2D and 3D shapes?</p> <p>Can I attempt to create arches and enclosures when building, using trial and improvement to select blocks?</p>	<p>Can I use informal language and analogies, (e.g. heart-shaped and hand-shaped leaves), as well as mathematical terms to describe shapes?</p> <p>Can I compose and decomposing shapes, learning which shapes combine to make other shapes?</p> <p>Can I use own ideas to make models of increasing complexity, selecting blocks needed, solving problems and visualising what they will build?</p>	<p>Can I recognise and name common 2D shapes (rectangles, including squares, circles and triangles.)?</p> <p>Can I recognise and name common 3D shapes (cuboids, including cubes, pyramids and spheres.)?</p>	<p>Can I compare and sort common 2D and 3D shapes and everyday objects?</p> <p>Can I identify and describe the properties of 2D shapes, including the number of sides and line of symmetry in a vertical line?</p> <p>Can I identify and describe the properties of 3D shapes including the number of edges, vertices and faces?</p> <p>Can I identify 2D shapes on the surface of 3D shapes?</p>	<p>Can I identify horizontal, vertical lines and pairs of perpendicular and parallel lines?</p> <p>Can I draw 2D shapes?</p> <p>Can I make 3D shapes using modelling materials?</p> <p>Can I recognise 3D shapes in different orientations and describe them?</p>	<p>Can I compare and classify geometric shapes, including quadrilateral and triangles based on their properties and sizes?</p> <p>Can I identify lines of symmetry in 2D shapes presented in different orientations?</p> <p>Can I complete a simple symmetric figure with respect to a specific line of symmetry?</p>	<p>Can I use the properties of rectangles to deduce related facts and find missing lengths and angles?</p> <p>Can I distinguish between regular and irregular polygons based on reasoning about equal sides and angles?</p> <p>Can I identify 3D shapes (incl. cubes/cuboids) from 2D representations?</p>	<p>Can I compare and classify geometric shapes based on the properties and sizes?</p> <p>Can I describe simple 3D shapes.?</p> <p>Can I draw 2D shapes given dimensions and angles?</p> <p>Can I recognise and build simple 3D shapes, including making nets?</p>

Geometry – Angles and Lines	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						<p>Can I recognise that angles are a property of shape or a description of a turn?</p> <p>Can I identify right angles?</p> <p>I recognise that two right angles make a half-turn & three make a three quarter turn?</p> <p>Can I identify whether angles are greater than or less than a right angle?</p>	<p>Can I identify acute and obtuse angles and compare and order angles up to two right angles by size?</p>	<p>Can I show an understanding that angles are measured in degrees?</p> <p>Can I estimate and compare acute, obtuse and reflex angles?</p> <p>Can I identify angles at a point and one whole turn; angles at a point on a straight line and $\frac{1}{2}$ a turn?</p> <p>Can I identify other multiples of 90°?</p> <p>Can I draw given angles and measure them in degrees?</p>
Geometry – position and	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<p>Can I respond to and uses language of position and direction?</p> <p>Can I predict, move and rotate objects to fit the space or create the shape they would like?</p>	<p>Can I use spatial language, including following and giving directions, using relative terms and describing what they see from different viewpoints?</p> <p>Can I investigate turning and flipping objects in order to make shapes fit and create models; predicting and visualising how they will look (spatial reasoning)?</p> <p>Can I make simple maps of familiar and imaginative environments, with landmarks?</p>	<p>Can I describe position, directions and movement, including half, quarter and three-quarter turns?</p>	<p>Can I order and arrange combinations of mathematical objects in patterns and sequences?</p> <p>Can I use mathematical vocabulary to describe position, direction and movement (including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti clockwise)?</p>			<p>Can I describe movements between positions as translations of a given unit to the left/right and up/down?</p> <p>Can I describe positions on a 2D grid as coordinates in the first quadrant?</p> <p>Can I plot specified points and draw sides to complete a given polygon?</p>	<p>Can I identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed?</p>

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Statistics				<p>Can I interpret and construct simple pictograms, tally charts, block diagrams and simple tables?</p> <p>Can I ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity?</p> <p>Can I ask and answer questions about totalling and comparing categorical data?</p>	<p>Can I interpret and present data using bar charts, pictograms and tables?</p> <p>Can I solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables?</p>	<p>Can I interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs?</p> <p>Can I solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs?</p>	<p>Can I complete, read and interpret information in tables (incl. timetables)?</p> <p>Can I solve comparison, sum and difference problems using information presented in a line graph?</p>	<p>Can I interpret and construct pie charts and line graphs and use these to solve problems?</p> <p>Can I calculate and interpret the mean as an average?</p>

