



Mathematics Objective Overviews

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Mathematics Objective Reception Overview

Reception

Numbers and The Number System			
	Autumn	Spring	Summer
Counting			
Count beyond ten.	✓	✓	✓
Count objects, actions and sounds	✓	✓	✓
Verbally count beyond 20, recognising the pattern of the counting system. (ELG)			✓
Identifying, Representing and Estimating Numbers			
Subitise.	✓	✓	✓
Link the number symbol (numeral) with its cardinal number value.	✓	✓	✓
Subitise (recognising quantities without counting) up to 5. (ELG)			✓
Reading and Writing Numbers			
Link the number symbol (numeral) with its cardinal number value.	✓	✓	✓
Compare and Order Numbers			
Compare numbers.	✓	✓	✓
Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. (ELG)		✓	✓
Understanding Place Value			
Understand the 'one more than/one less than' relationship between consecutive numbers.		✓	✓
Explore the composition of numbers to 10.		✓	✓
Have a deep understanding of numbers to 10, including the composition of each number. (ELG)			✓

Addition and Subtraction

	Autumn	Spring	Summer
Automatically recall number bonds for numbers 0-5 and some to 10.		✓	✓

Addition and Subtraction			
	Autumn	Spring	Summer
Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. (ELG)		✓	✓
Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly. (ELG)			✓

Geometry			
	Autumn	Spring	Summer
Select, rotate and manipulate shapes in order to develop spatial reasoning skills.		✓	✓
Compose and decompose shapes so that children can recognise a shape can have other shapes within it, just as numbers can.		✓	✓
Draw information from a simple map.		✓	✓
Continue, copy and create repeating patterns.		✓	✓

Measurement			
	Autumn	Spring	Summer
Compare length, weight and capacity.		✓	✓

Mathematics Objective Year 1 Overview

Year 1

Numbers and The Number System

	Autumn	Spring	Summer
Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	✓ Within 20	✓ Within 50	✓ Within 100
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	✓ Within 20	✓ Within 50	✓ Within 100
Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	✓ Within 20	✓ Within 50	✓ Within 100
Given a number, identify one more and one less	✓ Within 20	✓ Within 50	✓ Within 100
Read and write numbers from 1 to 20 in numerals and words.	✓		

Addition and Subtraction

	Autumn	Spring	Summer
Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs	✓	✓	
Represent and use number bonds and related subtraction facts within 20	✓ Within 10	✓ Within 20	
Add and subtract one-digit and two-digit numbers to 20, including zero		✓	
Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.	✓ Within 10	✓ Within 20	

Multiplication and Division

	Autumn	Spring	Summer
Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.			✓

Fractions and Decimals			
	Autumn	Spring	Summer
Recognise, find and name a half as one of two equal parts of an object, shape or quantity			✓
Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.			✓

Geometry			
	Autumn	Spring	Summer
Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].	✓		
Describe position, direction and movement, including whole, half, quarter and three-quarter turns.			✓

Measurement			
	Autumn	Spring	Summer
Compare, describe and solve practical problems for: <ul style="list-style-type: none"> lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] time [for example, quicker, slower, earlier, later] 		✓ Length, Height, Weight, Volume	✓ Money, Time
Measure and begin to record the following: <ul style="list-style-type: none"> lengths and heights mass/weight capacity and volume time (hours, minutes, seconds) 		✓ Length, Height, Weight, Volume	✓ Money, Time
Recognise and know the value of different denominations of coins and notes			✓
Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]			✓
Recognise and use language relating to dates, including days of the week, weeks, months and years			✓
Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.			✓

Mathematics Objective Year 2 Overview

Year 2

Numbers and The Number System

	Autumn	Spring	Summer
Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward recognise the place value of each digit in a two-digit number (tens, ones)	✓	✓	
Recognise the place value of each digit in a two-digit number (tens, ones)	✓		
Identify, represent and estimate numbers using different representations, including the number line; compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs	✓		
Read and write numbers to at least 100 in numerals and in words	✓		
Use place value and number facts to solve problems.	✓		

Addition and Subtraction

	Autumn	Spring	Summer
solve problems with addition and subtraction: <ul style="list-style-type: none"> using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods 	✓		
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	✓		
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> a two-digit number and ones a two-digit number and tens two two-digit numbers adding three one-digit numbers 	✓		
Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	✓		
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.	✓		

Multiplication and Division			
	Autumn	Spring	Summer
recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		✓	
calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs		✓	
show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot		✓	
solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.		✓	

Fractions and Decimals			
	Autumn	Spring	Summer
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		✓	
Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$		✓	

Geometry			
	Autumn	Spring	Summer
Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line		✓	
Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces; identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]		✓	
Compare and sort common 2-D and 3-D shapes and everyday objects.		✓	
Order and arrange combinations of mathematical objects in patterns and sequences			✓

Geometry			
	Autumn	Spring	Summer
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).			✓

Measurement			
	Autumn	Spring	Summer
Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels			✓
Compare and order lengths, mass, volume/capacity and record the results using >, < and =			✓
Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	✓		
Find different combinations of coins that equal the same amounts of money	✓		
Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	✓		
Compare and sequence intervals of time tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times			✓
Know the number of minutes in an hour and the number of hours in a day.			✓

Mathematics Objective Year 3 Overview

Year 3

Numbers and The Number System

	Autumn	Spring	Summer
Count from 0 in multiples of 4, 8, 50 and 100 find 10 or 100 more or less than a given number	✓		
Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	✓		
Compare and order numbers up to 1000	✓		
Identify, represent and estimate numbers using different representations	✓		
Read and write numbers up to 1000 in numerals and in words	✓		
Solve number problems and practical problems involving these ideas.	✓		

Addition and Subtraction

	Autumn	Spring	Summer
Add and subtract numbers mentally, including <ul style="list-style-type: none"> • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds 	✓		
Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	✓		
Estimate the answer to a calculation and use inverse operations to check answers	✓		
Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	✓		

Multiplication and Division

	Autumn	Spring	Summer
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	✓		

Multiplication and Division			
	Autumn	Spring	Summer
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods		✓	
Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.		✓	

Fractions and Decimals			
	Autumn	Spring	Summer
Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10			✓
Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators			✓
Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators			✓
Recognise and show, using diagrams, equivalent fractions with small denominators			✓
Add and subtract fractions with the same denominator within one whole			✓
Compare and order unit fractions, and fractions with the same denominators			✓
Solve problems that involve all of the above.			✓

Geometry			
	Autumn	Spring	Summer
Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them			✓
Recognise angles as a property of shape or a description of a turn			✓
Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle			✓

Geometry			
	Autumn	Spring	Summer
Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.			✓

Measurement			
	Autumn	Spring	Summer
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)		✓ Length and Perimeter Money	✓ Mass And Capacity Time
Measure the perimeter of simple 2-D shapes		✓	
Add and subtract amounts of money to give change, using both £ and p in practical contexts		✓	
Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks			✓
Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight			✓
Know the number of seconds in a minute and the number of days in each month, year and leap year			✓
Compare durations of events			✓

Statistics			
	Autumn	Spring	Summer
Interpret and present data using bar charts, pictograms and tables		✓	
Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.		✓	

Mathematics Objective Year 4 Overview

Year 4

Numbers and The Number System			
	Autumn	Spring	Summer
Count in multiples of 6, 7, 9, 25 and 1000	✓		
Find 1000 more or less than a given number	✓		
Count backwards through zero to include negative numbers	✓		
Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	✓		
Order and compare numbers beyond 1000; identify, represent and estimate numbers using different representations	✓		
Round any number to the nearest 10, 100 or 1000	✓		
Solve number and practical problems that involve all of the above and with increasingly large positive numbers	✓		
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.	✓		

Addition and Subtraction			
	Autumn	Spring	Summer
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	✓		
Estimate and use inverse operations to check answers to a calculation	✓		
Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	✓		

Multiplication and Division			
	Autumn	Spring	Summer
Recall multiplication and division facts for multiplication tables up to 12×12		✓	
Multiply two-digit and three-digit numbers by a one-digit number using formal written layout		✓	
Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.		✓	

Fractions and Decimals			
	Autumn	Spring	Summer
Recognise and show, using diagrams, families of common equivalent fractions		✓	
Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.		✓	
Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number		✓	
Add and subtract fractions with the same denominator		✓	
Recognise and write decimal equivalents of any number of tenths or hundredths		✓	
Recognise and write decimal equivalents		✓	
Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths		✓	
Round decimals with one decimal place to the nearest whole number		✓	
Compare numbers with the same number of decimal places up to two decimal places		✓	
Solve simple measure and money problems involving fractions and decimals to two decimal places.		✓	

Geometry			
	Autumn	Spring	Summer
Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes			✓

Geometry			
	Autumn	Spring	Summer
Identify acute and obtuse angles and compare and order angles up to two right angles by size			✓
Identify lines of symmetry in 2-D shapes presented in different orientations			✓
Complete a simple symmetric figure with respect to a specific line of symmetry.			✓
Position and Direction Describe positions on a 2-D grid as coordinates in the first quadrant			✓
Describe movements between positions as translations of a given unit to the left/right and up/down			✓
Plot specified points and draw sides to complete a given polygon.			✓

Measurement			
	Autumn	Spring	Summer
Convert between different units of measure [for example, kilometre to metre; hour to minute]	✓ Length and Perimeter	✓ Area	✓ Money Time
Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	✓		
Find the area of rectilinear shapes by counting squares		✓	
Estimate, compare and calculate different measures, including money in pounds and pence	✓ Length and Perimeter	✓ Area	✓ Money Time
Read, write and convert time between analogue and digital 12- and 24-hour clocks			✓
Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.			✓

Mathematics Objective Year 5 Overview

Year 5

Numbers and The Number System

	Autumn	Spring	Summer
Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	✓		
Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	✓		
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	✓		
Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	✓		
Solve number problems and practical problems that involve all of the above	✓		
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.	✓		

Addition and Subtraction

	Autumn	Spring	Summer
Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)	✓		
Add and subtract numbers mentally with increasingly large numbers	✓		
Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	✓		
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	✓		

Multiplication and Division

	Autumn	Spring	Summer
identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers	✓		

Multiplication and Division			
	Autumn	Spring	Summer
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	✓		
Establish whether a number up to 100 is prime and recall prime numbers up to 19	✓		
Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers		✓	
Multiply and divide numbers mentally drawing upon known facts		✓	
Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context		✓	
Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000	✓		
Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)	✓		
Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	✓	✓	
Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign		✓	
Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates		✓	

Fractions and Decimals			
	Autumn	Spring	Summer
Compare and order fractions whose denominators are all multiples of the same number		✓	
Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths		✓	
Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number		✓	
Add and subtract fractions with the same denominator and denominators that are multiples of the same number		✓	✓
Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams		✓	✓

Fractions and Decimals			
	Autumn	Spring	Summer
Read and write decimal numbers as fractions		✓	
Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents		✓	
Round decimals with two decimal places to the nearest whole number and to one decimal place		✓	
Read, write, order and compare numbers with up to three decimal places		✓	
Solve problems involving number up to three decimal places		✓	✓
Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal		✓	✓
Solve problems which require knowing percentage and decimal equivalents of and those fractions with a denominator of a multiple of 10 or 25		✓	✓

Geometry			
	Autumn	Spring	Summer
Identify 3-D shapes, including cubes and other cuboids, from 2-D representations			✓
Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles			✓
Draw given angles, and measure them in degrees identify angles at a point and one whole turn (total 360); angles at a point on a straight line and a turn (total 180) and other multiples of 90o			✓
Use the properties of rectangles to deduce related facts and find missing lengths and angles			✓
Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.			✓
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.			✓

Measurement			
	Autumn	Spring	Summer
Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)	✓ Perimeter Area		✓ Converting Units Volume
Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints			✓ Converting Units Volume
Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	✓		
Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes	✓		
Estimate volume [for example, using 1 cm ³ blocks to build cuboids (including cubes)] and capacity [for example, using water]			✓
Solve problems involving converting between units of time			✓
Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	✓		✓

Statistics			
	Autumn	Spring	Summer
Solve comparison, sum and difference problems using information presented in a line graph	✓		
Complete, read and interpret information in tables, including timetables.	✓		

Mathematics Objective Year 6 Overview

Year 6

Numbers and The Number System

	Autumn	Spring	Summer
Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit	✓		
Round any whole number to a required degree of accuracy	✓		
Round any whole number to a required degree of accuracy	✓		
Use negative numbers in context, and calculate intervals across zero	✓		
Solve number and practical problems that involve all of the above.	✓		

Multiplication, Division, Addition and Subtraction (The Four Operations)

	Autumn	Spring	Summer
Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	✓		
Divide numbers up to 4 digits by a two-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	✓		
Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	✓		
Perform mental calculations, including with mixed operations and large numbers	✓		
Identify common factors, common multiples and prime numbers	✓		
Use their knowledge of the order of operations to carry out calculations involving the four operations	✓		
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	✓		

Multiplication, Division, Addition and Subtraction (The Four Operations)			
	Autumn	Spring	Summer
Solve problems involving addition, subtraction, multiplication and division	✓		
Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.	✓		

Algebra			
	Autumn	Spring	Summer
Use simple formulae		✓	
Generate and describe linear number sequences		✓	
Express missing number problems algebraically		✓	
Find pairs of numbers that satisfy an equation with two unknowns		✓	
Enumerate possibilities of combinations of two variables.		✓	

Fractions and Decimals			
	Autumn	Spring	Summer
Use common factors to simplify fractions; use common multiples to express fractions in the same denomination	✓		
Compare and order fractions, including fractions > 1	✓		
Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	✓		
Multiply simple pairs of proper fractions, writing the answer in its simplest form	✓		
Divide proper fractions by whole numbers	✓		
Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction		✓	
Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places		✓	

Ratio and Proportion			
	Autumn	Spring	Summer
Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts		✓	
Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison		✓	
Solve problems involving similar shapes where the scale factor is known or can be found		✓	
Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.		✓	

Geometry			
	Autumn	Spring	Summer
Draw 2-D shapes using given dimensions and angles recognise, describe and build simple 3-D shapes, including making nets			✓
Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons			✓
Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius			✓
Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.			✓
Describe positions on the full coordinate grid (all four quadrants)	✓		
Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	✓		

Measurement			
	Autumn	Spring	Summer
Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate		✓	

Measurement			
	Autumn	Spring	Summer
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 to up to three decimal places		✓	
Convert between miles and kilometres		✓	
Recognise that shapes with the same areas can have different perimeters and vice versa		✓	
Recognise when it is possible to use formulae for area and volume of shapes		✓	
Calculate the area of parallelograms and triangles		✓	
Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm ³) and cubic metres (m ³), and extending to other units [for example, mm ³ and km ³].		✓	

Statistics			
	Autumn	Spring	Summer
Interpret and construct pie charts and line graphs and use these to solve problems			✓
Calculate and interpret the mean as an average.			✓