		Year 10	Year 11
Autumn 1	Week 1	**Count, read, write, order and compare numbers up to 1000** Lesson 1: To count, read and write numbers forwards and backwards up to 1000 Lesson 2: To order and compare numbers	**Read, write, order and compare large numbers (up to one million)** Lesson 1: To read and understand the place value of numbers up to a million Lesson 2: To order and compare large numbers up to one million
	Week 2	**Add and subtract using three-digit whole numbers** Lesson 1: To add and subtract using formal methods (3 digits) Lesson 2: To solve multi-step addition and subtraction problems	**Recognise and use positive and negative numbers** Lesson 1: To understand and place negative numbers on a number line Lesson 2: To solve problems involving negative numbers
	Week 3	**Multiply two-digit whole numbers by single- and double-digit whole numbers** Lesson 1: To multiply using long multiplication and other written methods Lesson 2: To solve worded problems involving multiplication	**Multiply and divide whole numbers and decimals by 10, 100, 1000** Lesson 1: To multiply and divide whole numbers by 10, 100, 1000 Lesson 2: To multiply and divide decimals by 10, 100, 1000
	Week 4	**Divide three-digit whole numbers by single- and double-digit whole numbers and express remainders** Lesson 1: To divide three-digit whole numbers by single- and double-digit whole numbers and express remainders Lesson 2: To solve worded problems involving division	**Use multiplication facts and make connections with division facts** Lesson 1: To recognise multiplication facts and make connections with division facts Lesson 2: To work with multi-step multiplication and division problems

	Week 5	**Approximate by rounding numbers less than 1000 to the nearest 10 or 100 and use this rounded answer to check results** Lesson 1: To round numbers to the nearest 10, 100 or 1000 Lesson 2: To compare and round numbers to the nearest whole number	**Use simple formulae expressed in words for one or two-step operations** Lesson 1: To use simple substitution to solve problems Lesson 2:To use simple formulae expressed in words for one or two-step operations
	Week 6	**Recognise and continue linear sequences of numbers up to 100** Lesson 1: To recognise and continue linear sequences Lesson 2: To generate terms using the position to term rule	**Calculate the squares of one-digit and two-digit numbers** Lesson 1: To recognise and use squares and roots of one and two-digit numbers Lesson 2: To solve calculations involving squares and roots
	Week 7	**Read, write and understand thirds, quarters, fifths and tenths, including equivalent forms** Lesson 1: To order and use fractions to describe parts of shapes Lesson 2: To understand equivalent forms of fractions	**Follow the order of precedence of operators** Lesson 1: To understand the order of operations (BIDMAS) Lesson 2: To solve multi-step problems using BIDMAS
	Week 8	**Revision + Teacher assessment**	**Read, write, order and compare common fractions and mixed numbers** Lesson 1: To recognise and covert between mixed number and improper fractions Lesson 2: To compare and order fractions and mixed numbers

Autumn 2	**Week 9**	**Read, write and use decimals up to two decimal places** Lesson 1: To recognise and compare decimal numbers Lesson 2: To write decimal equivalents of 1/2, 1/4, 3/4, 1/10	**Find fractions of whole number quantities or measurements** Lesson 1: To find fractions of an amount Lesson 2: To solve problems involving finding fractions of amounts
	Week 10	**Recognise and continue sequences that involve decimals** Lesson 1: To order and compare decimals Lesson 2: To recognise and continue sequences involving	**Read, write and use decimals up to three decimal places** Lesson 1: To recognise and compare decimal numbers Lesson 2: To write decimal equivalents
	Week 11	**Calculate with money using decimal notation and express money correctly in writing in pounds and pence** Lesson 1: To give change in money problems using addition and subtraction Lesson 2: To solve money problems involving decimals	**Add, subtract, multiply and divide decimals up to two decimal places** Lesson 1: To add and subtract decimals up to two decimal places Lesson 2: To multiply and divide decimals up to two decimal places
	Week 12	**Round amounts of money to the nearest £1 or 10p** Lesson 1: To round number to two decimal places Lesson 2: To round money to the nearest pound/pence	**Approximate by rounding to a whole number or to one or two decimal places** Lesson 1:To round decimals to the nearest whole number Lesson 2: To round deciamls to one or two decimal places
	Week 13	**Read, measure and record time using am and pm** Lesson 1: To read time using am and pm Lesson 2: To compare durations of events and solve problems involving time	**Read, write, order and compare percentages in whole numbers** Lesson 1: To write, order and compare decimals, fractions and percentages Lesson 2: To solve problems using percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those with a denominator of a multiple of 10 or 25

	Week 14	**Read time from analogue and 24-hour digital clocks in hours and minutes** Lesson 1: To read time from analogue and 24-hour digital clocks Lesson 2: To solve problems involving converting between units of time	**Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof** Lesson 1: To find a percentage of a quantity Lesson 2: To find simple percentage increases and decreases
	Week 15	**Revision + Teacher assessment**	**Estimate answers to calculations using fractions and decimals** Lesson 1: To estimate answers to calculations using fractions and decimals Lesson 2: To solve problems involving estimation
	Week 16	**Use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division** Lesson 1: To understand and compare metric and imperial units Lesson 2: To use approximate metric and imperial equivalences	**Recognise and calculate equivalences between common fractions, percentages and decimals** Lesson 1: To work with equivalences between simple fractions, decimals and percentages Lesson 2: To calculate decimal fraction equivalents for a simple fraction by considering fractions as divisions
	Week 17	**Compare metric measures of length, including millimetres, centimetres, metres and kilometres** Lesson 1: To convert between metric measures of length Lesson 2: To solve problems involving conversion of metric measures of length	**Work with simple ratio and direct proportions** Lesson 1: To understand and compare quantities with ratio Lesson 2: To divide quantities into ratios and understand direct proportion

Spring 1	**Week 18**	**Compare measures of weight, including grams and kilograms** Lesson 1: To convert and compare between metric measures of weight Lesson 2: To solve problems involving conversion of metric measures of weight	**Calculate simple interest in multiples of 5% on amounts of money** Lesson 1: To calculate simpe interest on amuonts of money Lesson 2: To solve problems involving simple interest
	Week 19	**Compare measures of capacity, including millilitres and litres** Lesson 1: To convert and compare between metric measures of capacity Lesson 2: To solve problems involving conversion of metric measures of capacity	**Calculate discounts in multiples of 5% on amounts of money** Lesson 1: To calculate percentagedecrease on amounts of money Lesson 2: To solve problems involving discounts on amounts of money
	Week 20	**Use a suitable instrument to measure mass and length** Lesson 1: To convert between standard units of length, mass, volume and time Lesson 2: To solve problems involving converting between units of measure	**Convert between units of length, weight, capacity, money and time, in the same system** Lesson 1: To convert between units of weight, length and capacity Lesson 2: To convert between units of money and time
	Week 21	**Revision + Teacher assessment**	**Recognise and make use of simple scales on maps and drawings** Lesson 1: To use scales on maps and diagrams to work out lengths and distances Lesson 2: To draw lengths and distances correctly on given scale drawings

	Week 22	**Sort 2-D and 3-D shapes using properties, including lines of symmetry, length, right angles, angles, including in rectangles and triangles** Lesson 1: To name and understand the properties of 2-D and 3-D shapes Lesson 2: To comapre and sort common 2-D and 3-D shapes based the properties	**Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles** Lesson 1: To calculate the area and perimeter of 2-D shapes including those that are madde up of a combination Lesson 2: To solve problems involving area and perimeter
	Week 23	**Use appropriate positional vocabulary to describe position and direction,** **including eight compass points and full/half/quarter turns** Lesson 1: To accurately describing position, direction and movement Lesson 2: To solve problems involving position and direction	**Calculate the volumes of cubes and cuboids** Lesson 1: To recognise and understand the properties of 3-D shapes Lesson 2: To calculate the volumes of cubes and cuboids
Spring 2	**Week 24**	**Extract information from lists, tables, diagrams and charts and create frequency tables** Lesson 1: To construct and interpret tables and charts for grouped and ungrouped data Lesson 2: To solve problems involving creating/interpreting frequency tables	**Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles** Lesson 1: To identify and draw lines of symmetry in 2-D shapes Lesosn 2: To recognise the properties of the angles in different 2-D shapes

	Week 25	**Interpret information, to make comparisons and record changes, from different formats, including bar charts and simple line graphs** Lesson 1: To interpret or show data in tables, pictograms, bar charts and line graphs Lesson 2: To solve problems involving data in tables, pictograms, bar charts and line graphs	**Interpret plans, elevations and nets of simple 3-D shapes** Lesson 1: To interpret and draw nets of simple 3-D shapes Lesson 2: To understand and draw plans and elevations of 3D shapes
	Week 26	**Organise and represent information in appropriate ways, including tables, diagrams, simple line graphs and bar charts** Lesson 1: To understand the data and represent it in tables and diagrams Lesson 2: To draw bar charts and line graphs	Use angles when describing position and direction, and measure angles in degrees Lesson 1: To measure and draw angles in degrees Lesson 2: To solve problems involving describing position and direction
	Week 27	**Revision + Teacher assessment**	**Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs** Lesson 1: To construct and interpret tables and bar charts for grouped and ungrouped data Lesson 2: To construct and interpret pie charts and line graphs
	Week 28	**Read, write, order and compare large numbers (up to one million)** Lesson 1: To read and understand the place value of numbers up to a million Lesson 2: To order and compare large numbers up to one	**Find the mean and range of a set of quantities** Lesson 1: To find the mean and range of a set of quantities Lesson 2: To solve problems involving mean and range

Summer 1	**Week 29**	**Recognise and use positive and negative numbers** Lesson 1: To understand and place negative numbers on a number line Lesson 2: To solve problems involving negative numbers	**Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events** Lesson 1: To understand the probability properties of mutually exclusive events Lesson 2: To predict future outcomes using probability and relative frequency
	Week 30	**Multiply and divide whole numbers and decimals by 10, 100, 1000** Lesson 1: To multiply and divide whole numbers by 10, 100, 1000 Lesson 2: To multiply and divide decimals by 10, 100, 1000	**Use equally likely outcomes to find the probabilities of simple events and express them as fractions** Lesson 1: To calculate simple probabillities from equally likely events Lesson 2: To use fractions, decimals and percentages to describe the probability of events
	Week 31	**Use multiplication facts and make connections with division facts** Lesson 1: To recognise multiplication facts and make connections with division facts Lesson 2: To work with multi-step multiplication and division problems	

Summer 2	Week 32	**Use simple formulae expressed in words for one or two-step operations** Lesson 1: To use simple substitution to solve problems Lesson 2:To use simple formulae expressed in words for one or two-step operations	**Revision**
	Week 33	**Revision + Teacher assessment**	
	Week 34	**Calculate the squares of one-digit and two-digit numbers** Lesson 1: To recognise and use squares and roots of one and two-digit numbers Lesson 2: To solve calculations involving squares and roots	
	Week 35	**Follow the order of precedence of operators** Lesson 1: To understand the order of operations (BIDMAS) Lesson 2: To solve multi-step problems using BIDMAS	
	Week 36	**Read, write, order and compare common fractions and mixed numbers** Lesson 1: To recognise and covert between mixed number and improper fractions Lesson 2: To compare and order fractions and mixed numbers	
	Week 37	**Find fractions of whole number quantities or measurements** Lesson 1: To find fractions of an amount Lesson 2: To solve problems involving finding fractions of	

	Week 38	
	Week 39	Revision + Teacher assessment
	Week 40	