



	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
KS1	Baseline/getting to know your learners Counting Shape and space Pattern Addition	Counting Measures – length and height Shape Money Time	Counting Shape and space Data handling Adding Pattern	Counting on Measures – weight Shape and space Counting and comparing numbers Money Time	Counting Adding 2D shape Data handling Subtracting Pattern	Counting and comparing numbers Measures – capacity 3D shape Direction Money Time Consolidation
KS2 - Year 4	Baseline/getting to know your learners Counting Adding Number bonds	Counting Subtraction Shapes	Counting Doubles/halves Length/weight	Shape patterns Shapes Number patterns	Money Time	Measures Volume/capacity Adding/Subtracting Consolidation
KS2 - Year 5	Baseline/getting to know your learners Counting, number and calculation	Measures and Statistics Calculating, Understanding Shape & Measures	Number Facts & Understanding Shape	Securing Number Facts & Calculating	- Counting, number and calculation Measures	Statistics Calculating, Understanding Shape & Measures Consolidation
KS2 - Year 6	Baseline/getting to know your learners Number Facts & Understanding Shape	Securing Number Facts & Calculating	Counting, number and calculation Measures	Statistics Calculating, Understanding Shape & Measures	Number Facts & Understanding Shape	Securing Number Facts & Calculating Consolidation
Year A KS3 - Year 7, 8 and 9 follow a two year rolling programme. Although they follow the same topics, the objectives covered will be different each year.	Baseline/getting to know your learners Counting, number and calculation	Measures and Statistics Calculating, Understanding Shape & Measures	Number Facts & Understanding Shape	Securing Number Facts & Calculating	- Counting, number and calculation Measures	Statistics Calculating, Understanding Shape & Measures Consolidation

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Year B KS3 - Year 7, 8 and 9 follow a two year rolling programme. Although they follow the same topics, the objectives covered will be different each year.	Baseline/getting to know your learners Number Facts & Understanding Shape	Securing Number Facts & Calculating	Counting, number and calculation Measures	Statistics Calculating, Understanding Shape & Measures	Number Facts & Understanding Shape	Securing Number Facts & Calculating Consolidation
KS4 - Year 10 and 11 ASDAN	ASDAN Achievement Continuum baseline/getting to know your learners. Developing number skills: counting, simple addition, subtraction, more or less.	Understanding what money is used for: developing awareness that coins and notes have different values and begin to use them in practical situations.	Sequencing and sorting: days of the week, months, seasons. Relating familiar events to these.	Shape and measure: recognise and name common 2-D shapes. Use a range of vocabulary to describe position.	Time: developing awareness of time and begin to recognise O-Clock and half past times.	Consolidation and revision working towards assessment using the ASDAN Achievement Continuum.
KS4 - Year 10 and 11 Entry Level 1	Baseline/getting to know your learners. Understand and use numbers with one significant figure in practical contexts.	Recognise and select coins and notes describe the properties of size.	Relate familiar events to: times of the day; days of the week; seasons of the year.	Describe the properties of size and measure, including length, width, height and weight, and make simple comparisons. Recognise and name common 2-D and 3-D shapes. Describe position.	Sort and classify objects practically using a single criterion.	Consolidation, revision and assessment
KS4 - Year 10 and 11 Entry 2	Baseline/getting to know your learners. Understand and use whole numbers with up to two significant figures. Understand and use addition and	Use doubling and halving in practical situations. Recognise and use familiar measures, including money.	Recognise and use familiar measures, including time.	Use simple scales and measure to the nearest labelled division. Know properties of simple 2-D and 3-D shapes.	Extract information from simple lists.	Consolidation, revision and assessment

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	subtraction in practical situations. Recognise sequences of numbers, including odd and even numbers.					
KS4 - Year 10 and 11 Entry 3	Baseline/getting to know your learners. Recognise and describe number patterns. Add and subtract using three-digit numbers. Round to the nearest 10 or 100. Solve practical problems involving multiplication and division by 2, 3, 4, 5 and 10. Recognise and name simple 2-D and 3-D shapes and their properties.	Understand decimals to two decimal places in practical contexts. Complete simple calculations involving money.	Use analogue and digital clocks to tell the time. Use a calendar to read the date Understand and use simple fractions Recognise and use equivalent fractions	Understand, estimate, measure and compare length, capacity, weight and temperature. Complete simple calculations involving measures use metric units in everyday situations.	Extract, use and compare information from lists, tables, simple charts and simple graphs.	Consolidation, revision and assessment
KS4 - Year 10 and 11 Level 1/ GCSE	Baseline/getting to know your learners. Understand and use whole numbers and understand negative numbers in practical contexts. Solve simple problems involving ratio, where one	Add, subtract, multiply and divide whole numbers using a range of strategies. Understand and use equivalences between common fractions, decimals and percentages.	Solve problems requiring calculation, with common measures, including time. Use simple formulae expressed in words for one- or two-step operations. Number - measures and accuracy	Solve problems requiring calculation, with common measures, including, length, weight and capacity. Work out areas and perimeters in practical situations.	Extract and interpret information from tables, diagrams, charts and graphs. Collect and record discrete data and organise and represent information in different ways. Find mean and range	Use data to assess the likelihood of an outcome. Probability Consolidation, revision and assessment

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	<p>number is a multiple of the other.</p> <p>Solve problems requiring calculation, with common measures, including weight, capacity and temperature</p> <p>Convert units of measure in the same system.</p> <p>Use simple formulae expressed in words for one- or two-step operations.</p> <p>Number – structure and calculation</p> <p>Number - measures and accuracy</p> <p>Algebra - sequences</p> <p>Ratio, proportion and rates of change</p>	<p>Add and subtract decimals up to two decimal places.</p> <p>Solve problems requiring calculation, with common measures, including money</p> <p>Use simple formulae expressed in words for one- or two-step operations.</p> <p>Number – structure and calculation</p> <p>Number - measures and accuracy</p> <p>Ratio, proportion and rates of change</p> <p>Decimals</p> <p>Number - Fractions, decimals and percentages</p> <p>Geometry and measures – Mensuration and calculation</p>	<p>Algebra – notation, vocabulary and manipulation</p> <p>Geometry and measures –</p> <p>Mensuration and calculation</p>	<p>Construct geometric diagrams, models and shapes.</p> <p>Use simple formulae expressed in words for one- or two-step operations.</p> <p>Number - measures and accuracy</p> <p>Algebra - Solving equations and inequalities</p> <p>Perimeter, area and volume</p> <p>Geometry and measures – Properties and construction</p> <p>Geometry and measures – Mensuration and calculation</p>	<p>Algebra – graphs</p> <p>Geometry and measures – vectors</p> <p>Statistics</p>	
KS5 - Year 12 and 13 Entry Level 1	<p>Topic - Money</p> <p>Unit 2 In the Town Centre</p> <p>Recognising coins/notes</p> <p>Using coins/Notes</p> <p>Make 10p/20p combinations</p> <p>Solve simple problems up to 10p/20p</p> <p>Number</p> <p>Read and count numbers to 10</p> <p>Add numbers to 10</p> <p>Addition words</p> <p>Subtract numbers to 10</p>		<p>Topic - Time</p> <p>Unit 3 A busy life</p> <p>Understanding times of day</p> <p>Days of week/order</p> <p>Seasons of the year/order</p> <p>Key events in months of year</p> <p>Read and make analogue/digital hour/half hour</p> <p>Solve simple problems using hour/half hour times</p> <p>Number</p>		<p>Topic – Shape and measures</p> <p>Unit 4 What’s in store</p> <p>Describing and comparing sizes/length/weight</p> <p>Capacity</p> <p>2D and 3D Shapes</p> <p>Positional vocabulary</p> <p>Data Handling</p> <p>Sort by simple criteria</p> <p>Alphabetical lists</p> <p>Numerical lists</p>	

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	Words for subtraction Apply + and – in simple problems Use a calculator to solve addition and subtraction problems		Multiplication Count in 2,5,10 Double numbers Division Halve numbers			
KS5 Year 12 and 13 Entry Level 2	Topic – Money/Fractions Unit 2 Fundraising Dividing into halves and quarters Using coins Paying and getting the right change (£1) Subtract prices Double and halve prices Number Read, write and use numbers up to 100 Add and subtract numbers over 10 Remember number facts to 10 Round numbers to the nearest 10 Recognise odd and even numbers Write the value of a digit in a number Write numbers in words and figures Use a calculator to solve addition and subtraction problems Identify when to use + or – to solve problems		Topic – Time Unit 3 Right on time Read time in hours, half hours and quarter hours Read and write date in different ways Use lists, timetables and diagrams Draw up lists, timetables and diagrams Know months of year and significant dates Use dates in practical tasks Plan an event Number Multiply single digit numbers Count in 2,5,10 Use a calculator to solve multiplication and division problems		Topic – Measures and shape Unit 4 Allotments, gardens and garden centres Use cm, m to measure length Use kg to measure weight Use litres to measure volume Use degrees Celsius to measure temperature Find numbers on a scale Use measures in practical problem solving tasks Recognise and name common mathematical shapes Properties of 2D and 3D Shapes Use shape in practical activities Data Handling Information from lists, tables, diagrams Comparing information Sorting using 2 categories Collecting information Representing information	
KS5 Year 12 and 13 Entry Level 3	Topic – Money/Decimals Unit 2 Making ends meet Adding and subtracting money using decimals Rounding money to nearest £ and p Reading, writing and understanding decimals up to 2 decimal places Use decimals in practical problem solving Using a calculator to calculate money Solve practical problems using money choosing correct operation Number Add/subtract using bridging method		Topic – Time/Fractions Unit 3 At the leisure centre Using analogue and digital clocks to tell time Use calendar to tell the date Understand and use 24 hour clock Understand and use vocabulary of time Read and understand common fractions Recognise and use equivalent fractions Match simple percentages to fraction equivalents Apply fractions to practical problems using other measures		Topic – Measures and Shape Unit 4 Nursing in the community Reading, measuring and comparing Length, weight, capacity Convert cm to m/ g to kg/ ml to L and vice versa Choosing and using measuring instruments Working with temperature Working with measures up to 2 decimal places Properties of 2D and 3D Shapes 2D lines of symmetry Recognise and measure 90,180,360 degrees	

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	Add using portioning method Add/subtract using column method		Number Multiply using grid method Multiply using column method Multiply by 2,3,4,5,10 Divide using bus stop method Divide by 2,3,4,5,10 Solve practical problems using x and division		Use shapes in diagrams and plans Data Handling Use plans, lists, tables, charts to obtain information Use bar charts/ pictograms to compare data Use a tally to record data	
KS5 Year 12 and 13 Level 1	Topic Money/Fractions/Percentages Unit 2 The cost of driving Understand connection between fractions, decimals and percentages Find equivalent fractions Write fraction in simplest form Convert between mixed numbers and improper fractions Number Write numbers in words and figures Place value/identify value digits in decimals Add and subtract decimals to 2 places Recognise negative numbers in practical situations Derive and use positive integer to 100 Round numbers to get approximate answers Add and subtract whole numbers Work out parts of numbers		Topic Time Unit 3 Time to go Rounding, measuring, recording time in common date formats Calculate using time Add and subtract time Convert time units 12/24 hour time Number Multiply and divide whole numbers by 10/100 Use terms odd, even, multiple, factor Multiply and divide whole numbers Recall x tables to 10 Multiply and divide by power of 10 Work out ratios and proportions Write ratios in simplest form Solve ratio problem Calculate mean/range/ mode/ average		Topic – Measures and shape Measure using cm/m Perimeter of shapes Area of rectangles Area and perimeter of compound shapes Volume cuboids Angles of 2D shapes Measure and draw angles Accurate scale drawing Convert between units of measure Interpret scales on range of measuring instruments Number Use simple formulae in one/two step problems Substitute numbers into linear formulae Solve word problems Data handling Extract information from lists, tables, charts, maps and scale drawings Read frequency values Recognise simple patterns Design data collection table Probability	