



Curriculum Area:

Mathematics KS3 learning plan

Intent**Curriculum Statement:**

Our curriculum aims to develop confident mathematicians who reason mathematically, help to develop an appreciation of the beauty and power of mathematics and have a sense of enjoyment and curiosity about the subject. The curriculum will enable students to develop conceptual understanding and to become fluent in the fundamentals of mathematics. It will also empower students to make connections between different areas of mathematics and encourage them to recall and apply knowledge rapidly and accurately. Our curriculum enables students to reason mathematically by following a line of enquiry, conjecturing relationships and generalisations as well as developing an argument, justification or proof using mathematical language. The curriculum will allow students to solve problems by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.

Personal development

Mathematics can be enjoyed as a worthwhile activity for its own sake and as a powerful tool in a wide range of applications. Enjoyment stems from the creative and investigative aspects of mathematics, from developing mathematical ways of perceiving the world and recognising underlying structures and connections between mathematical ideas. Mathematics is a subject that empowers students to prove results. Students develop their problem-solving, decision-making and reasoning skills through working on a range of tasks. Mathematics enables students to understand the numerical data related to becoming and staying healthy. Monitoring nutritional intake, blood sugar levels and cardiovascular health are all examples where mathematics assists understanding and can lead to making healthy decisions. By becoming financially capable, young people are able to exert greater control over factors affecting their health such as housing and money management. Strategy games and logic puzzles are an important part of maintaining mental health. Understanding risk through the study of probability is a key aspect of staying safe and making balanced risk decisions. Students learn to understand the probability scale and use it as a way of communicating risk factors. They develop an understanding of how data leads to risk estimates. By understanding probability and risk factors young people are able to make informed choices about investments, loans and gambling. An understanding of mathematics, and confidence in using a variety of mathematical skills, are both key to young people's ability to play their part in modern society. The skills of reasoning with numbers, interpreting graphs and diagrams and communicating mathematical information are vital in enabling individuals to make sound economic decisions in their daily lives. Mathematics skills and habits of mind are highly prized by many employers and mathematics is a gatekeeper to many careers and professions. Having confidence and capability in mathematics allows students to develop their ability to contribute to arguments using logic, data and generalisations with increasing precision. This in turn allows students to take a greater part in a democratic society. Becoming skilled in mathematical reasoning means students learn to apply a range of mathematical tools in familiar and unfamiliar contexts



Year 7- Content		Assessments		CEIAG	Numeracy/Literacy
		Topics	Assessment type		
1	Place value	<p>1.1 Recognising place value and writing integers using place value</p> <p>1.2 Ordering integers (and inequality symbols)</p> <p>1.3 Rounding to the nearest 10, 100, 100... (number line)</p> <p>1.4 Multiplying by 10, 100, 1000...</p> <p>1.5 Divide by 10, 100,....</p> <p>1.6 Multiply by 0.1, 0.01,...1.7</p> <p>Divide by 0.1, 0.01,...</p> <p>1.8 Write 10, 100, etc. as powers of 10</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>The ability to understand and manipulate number is necessary in all careers. A scientist will use powers when working with very small quantities e.g. weights of molecules, atoms etc. Astronomers will use powers to measure large distances</p>	<p>Numeracy</p> <p>Place value</p> <p>Four operations</p> <p>Negative numbers</p> <p>Literacy</p> <p>Writing integers using place value</p> <p>Keywords – Fully explained</p> <p>Checking spelling and correct use of mathematical vocabulary</p>
2	Four operations	<p>2.1 Addition</p> <p>2.2 Subtraction</p> <p>2.3 Multiplication</p> <p>2.4 Powers and roots</p> <p>2.5 Division (including relationship with multiplication)</p> <p>2.6 Order of operations (BIDMAS)</p> <p>2.6 Distributive and commutative law</p> <p>2.7 Order of operations (including powers and roots)</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>The ability to understand and manipulate number is necessary in all careers.</p>	<p>Literacy</p> <p>Keywords – Fully explained</p> <p>Checking spelling and correct use of mathematical vocabulary</p>



	<p>3 Negative numbers</p>	<p>3.1 Ordering on a number line (zero pairs) 3.2 Adding negative numbers 3.3 Subtracting negative numbers 3.4 Multiplying and dividing negatives (ANDU it's easier to teach this) 3.5 Combining operations</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously</p>		<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>5 Algebraic techniques</p>	<p>4.1 representing and writing expressions 4.2 algebraic notation 4.3 collecting like terms (two variables including x^2) 4.4 multiplying terms (commutative law so $4 \times 3x$ is $3x \times 4$) 4.5 substitution 4.6 expanding single brackets 4.7 expand and simplify 4.8 substituting into harder expressions and formulae</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Financial officers will use formulae to work out pricing structures e.g. for car hire, gas/electricity pricing.</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>

	<p>5 Solving equations</p>	<p>5.1 visual representation of solving equations and concept of equality 5.2 one step equations add and subtract 5.3 one step multiply and divide 5.4 two step equations 5.5 two step with brackets 5.6 x on both sides 5.7 $x^2 = 9$ type of question</p>	<p>On- On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Financial officers will use formulae to work out pricing structures e.g. for car hire, gas/electricity pricing.</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>6 Factors and multiples</p>	<p>6.1 Multiples of a number 6.2 Factors of a number and basic HCF 6.3 Prime numbers 6.4 Prime factor tree 6.5 HCF and LCM (<i>Venn diagram</i>) 6.6 Index notation, HCF and LCM problems 6.7 Enrichment: Think like a mathematician</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Timetable schedulers (train/ bus) will use multiples when creating timetables</p>	
	<p>7 Fractions</p>	<p>7.1 Representing fractions (bar model) 7.2 Equivalence and simplifying 7.3 Convert between mixed and improper fractions 7.4 Ordering fractions 7.5 Fractions of amounts 7.6 Expressing one fraction as a quantity of another 7.7 Add and subtract fractions with the same denominator 7.8 Add and subtract fractions with a different denominator 7.9 Multiplying fractions (including mixed, fractions of amounts by multiplication) 7.10 Dividing fractions 7.11 Reciprocals 7.11 Order of operations with fractions</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Fractions are used in real life in many different ways, but they are most commonly used in the cooking, construction and science industries. Because fractions describe an object or substance that has been divided into different equal parts, fractions can be found almost anywhere</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>8 Decimals</p>	<p>8.1 interpret decimals (place value) 8.2 ordering decimals 8.3 rounding to the nearest integer 8.4 rounding to decimal places 8.5 addition and subtraction with decimals 8.6 multiply decimals 8.7 divide decimals 8.8 convert between units and measure 8.9 identify recurring decimals (calculator?)</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Decimals are used anywhere money is used</p>	

	<p>9 Percentages</p>	<p>9.6 percentages of amounts non-calc 9.7 increasing and decreasing by a percentage 9.8 decimal multiplier 9.9 using a multiplier (non-calculator) 9.10 percentage change with a multiplier 9.1 meaning of percentage (including percentages greater than 100%) 9.2 converting to fractions 9.3 converting to decimals 9.4 express a quantity as a percentage of another 9.5 known percentages of amounts</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It willalso include knowledge covered previously.</p>	<p>A sports analyst will use percentages to measure performance, compare athletes, track improvement. Someone working in the financial sector will use percentages to calculate investment performance, costs for borrowing and lending money. Business and retail workers will calculate percentage profit, calculate discounts on products</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>10 Ratio</p>	<p>10.1 using ratio notation (bar models too) 10.2 ratio and fraction 10.3 simplifying and equivalent ratios 10.4 sharing an amount into a given ratio 10.5 sharing when one amount is given 10.6 more than other</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It willalso include knowledge covered previously.</p>	<p>Chefs and others on the hospitality industry will useratio when scaling recipes</p>	
	<p>11 Angles, parallel lines and triangles</p>	<p>11.1 Describe a point, a line, a line segment, a ray, a plane, parallel and perpendicular lines 11.2 Identify different types of angles 11.3 Recognise the properties of vertically opposite angles, angles on a straight line and angles at a point, right angles 11.4 Find unknown marked angles in a diagram using the above properties 11.5 Types of triangles 11.6 Angles in a triangle 11.7 Angles with algebra 11.8 Angles on parallel lines</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It willalso include knowledge covered previously.</p>	<p>Pilots will use angles when flying planes to ensurethey remain on the correct course</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>12 Area and perimeter</p>	<p>12.1 Perimeter of quadrilaterals, trianglesand compound shapes 12.2 Area of squares, rectangles and parallelograms 12.3 Area of a triangle 12.4 Area of compound shapes (show a netfor them to find the area of) 12.5 circumference of a circle 12.6 area of a circle 12.7 sectors</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It willalso include knowledge covered previously.</p>	<p>Designers/engineers need to know exact areas/volumes when designing buildings</p>	

	<p>13 Volume and surface area</p>	<p>13.1 faces, vertices, edges 13.2 volume of cubes and cuboid 13.3 nets of cubes and cuboid 13.4 surface area cubes and cuboids 13.5 compound shapes with cubes and cuboids</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Designers/engineers need to know exact areas/volumes when designing buildings</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>14 Linear sequences and graphs</p>	<p>14.1 generating terms in a sequence 14.2 finding a term using nth term 14.3 substitute into a table of values 14.4 plotting and reading coordinates 14.5 plot an equation of a line in $y=mx+c$ 'see the slope'</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Cryptographers need to recognise and summarise patterns</p>	
	<p>15 Collecting, organising and displaying data</p>	<p>15.1 Collect some real, in-school data 15.2 types of data/data collection 15.3 tally charts 15.4 frequency tables (including grouped frequency tables) 15.5 pictograms 15.6 line charts 15.7 bar charts 15.8 multiple bars on a bar chart 15.9 pie charts</p>	<p>On-going in class formative assessment using FtG assessments Summative end of year assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Statisticians will use averages/graphs and probability to analyse results, see patterns in data and plan for the future using probabilities</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>

Year 8- Content		Assessment		CEIAG	Numeracy/Literacy
		Topics	Assessment type		
1	Factors and multiples	1.1 Primes, Prime Factorisation and Index Notation 1.2 Highest Common Factor (HCF) 1.3 Lowest Common Multiple (LCM) 1.4 Square Roots, Cube Roots and Prime Factorisation	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.	Timetable schedulers (train/ bus) will use multiples when creating timetables	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
2	Approximation and estimation	2.1 Rounding Numbers to Decimal Places 2.2 Rounding Numbers to Significant Figures 2.3 Estimation	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously	Approximation arises naturally in scientific experiments. The predictions of a scientific theory can differ from actual measurements but an approximate measure is often useful	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
3	Ratio, rates and speed	3.1 Integer Ratios 3.2 All kinds of ratios 3.3 Scale Plans and Maps 3.4 Rate 3.5 Speed	Revision and exam question practice focusing specific areas identifies. This will be informed by PPE/ mock exams, formative assessment and class work.	Chefs and others on the hospitality industry will use ratio when scaling recipes	
4	More percentages	4.1 Expressing a Percentage as a Fraction or a Decimal 4.2 Simple Percentage Problems 4.3 Reverse percentages 4.4 percentage increase and decrease	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously	A sports analyst will use percentages to measure performance, compare athletes, track improvement. Someone working in the financial sector will use percentages to calculate investment performance, costs for borrowing and lending money. Business and retail workers will calculate percentage profit, calculate discounts on products	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
5	Algebraic expressions, formulae and proof	5.1 Use of letters in algebra 5.2 Evaluation of Algebraic Expressions and Formulae 5.3 Algebraic Expressions in the Real World 5.4 Simplification of Linear Expressions 5.5 Proof	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered	Financial officers will use formulae to work out pricing structures e.g. for car hire, gas/electricity pricing	



			previously		
6	Equations and inequalities in one variable	6.1 Simple Linear Equations in One Variable 6.2 Equations Involving Brackets 6.3 Forming Linear Equations to Solve Problems 6.4 Simple Inequalities	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously	Financial officers will use formulae to work out pricing structures e.g. for car hire, gas/electricity pricing.	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
7	Coordinates & Linear Functions	7.1 Cartesian Coordinate System 7.2 Idea of a Function 7.3 Linear Functions and their Graphs 7.4 Gradients of Linear Graphs	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously	Coordinates will be used by anybody using a map. As well as those involved in creating GPS systems	

	<p>8 Number Patterns</p>	<p>8.1 Number Patterns and Sequences 8.2 General Term</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously</p>	<p>Cryptographers will need to recognise and summarise patterns</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>9 Angles in Quadrilaterals & Polygons</p>	<p>9.1 Quadrilaterals 9.2 Polygons</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously</p>	<p>Pilots will use angles when flying planes to ensure they remain on the correct course</p>	
	<p>10 Perimeter & Area</p>	<p>10.1 Area of Parallelograms 10.2 Area of Trapezia 10.3 Perimeter and Area of Composite Plane</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously</p>	<p>Decorators will need to calculate the amount of paint required to paint a wall or a fence</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
	<p>11 Volume & Surface Area</p>	<p>11.1 Views and Nets of Three-dimensional (3D) Shapes 11.2 Volume and Total Surface Area of Prisms 11.3 Volume and Total Surface Area of Cylinders 11.4 Volume and Surface Area of Composite Solids</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously</p>	<p>Designers/engineers need to know exact areas/volumes when designing buildings</p>	
	<p>12 Statistical Graphs</p>	<p>12.1 Line Graphs 12.2 Pie Charts 12.3 Use and Misuse of Statistical Graphs 12.4 Scatter Graphs</p>	<p>On-going in class formative assessment using FtG assessments Summative end of year assessment focusing on the skills learnt this year. It will also include knowledge covered previously</p>	<p>Statisticians will use averages/graphs and probability to analyse results, see patterns in data and plan for the future using probabilities</p>	



Year 9- Content		Assessments		CEIAG	Numeracy/Literacy
		Topics	Assessment type		
1	Indices & Standard Form	1.1 Positive indices and laws of indices 1.2 Zero and negative indices 1.3 Standard form	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.	Scientists use Standard Form to write very large or very small numbers	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
2	Proportion	2.1 Direct proportion 2.2 Inverse proportion	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.	Bakers might use proportion to scale recipes or staffing schedulers may use this to calculate staffing requirements	
3	Equations in Two Variables	3.1 changing the subject of a formula 3.2 Linear equations in two variables 3.3 Solving simultaneous equations simultaneously 3.4 Solving simultaneous equations by the substitution method 3.5 Solving simultaneous equations by the elimination method	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.	In order to find the most useful websites and display them at the top search engines represent all pages on the internet in a gigantic matrix. The matrix knows about how the various websites are linked and you can use linear algebra probability and graph theory to find the most popular sites.	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary



	<p>4 Quadratic Expressions</p>	<p>4.1 Factorising 4.2 Quadratic expressions 4.3 Expansion of algebraic expressions</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Businesses may use quadratic expressions to model the rise and fall of profits over time</p>	
	<p>5 Non-linear graphs</p>	<p>5.1 Graphs for constant rates of change 5.2 Quadratic graphs 5.3 Exponential and reciprocal graphs</p>	<p>On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Pathologists will use exponential graphs to monitor and predict the growth of micro-organisms</p>	<p>Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>

6	Construction and loci	<p>6.1 Perpendicular bisectors, perpendicular lines and angle bisectors</p> <p>6.2 Constructing triangles</p> <p>6.3 Loci</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Architects: Will use constructions to create accurate scale drawings as part of projects</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
7	Pythagoras' Theorem	<p>7.1 Pythagoras' Theorem</p> <p>7.2 Applying Pythagoras' Theorem</p> <p>7.3 Converse of Pythagoras' Theorem</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Sailors might use Pythagoras/trigonometry to calculate distances between different places, bearings to travel on. Surveyors/architects will use calculate angles/length etc</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
8	Congruence and similarity	<p>8.1 Congruent triangles</p> <p>8.2 Similarity</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Engineering: Congruent triangles are used in construction when we need to reinforce structures so that they are strong and stable, and do not bend or buckle in strong winds or when under load</p>	
8	Enlargement and scale drawings	<p>8.3 Enlargement of a plane figure</p> <p>8.4 Scale drawing</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.</p>	<p>Architects: will require scale drawings prior to creating scale models of projects</p>	<p>Numeracy All topic contents</p> <p>Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary</p>
9	Trigonometry	<p>9.1 Trigonometric ratios and acute angles</p> <p>9.2 Trigonometry – unknown sides</p> <p>9.3 Trigonometry – unknown angles</p> <p>9.4 Applying trigonometry</p>	<p>On-going in class formative assessment using FtG assessments</p> <p>Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered</p>	<p>Sailors might use Pythagoras/trigonometry to calculate distances between different places, bearings to travel on. Surveyors/architects will use calculate angles/length etc.</p>	



			previously.		
	10 Surface Area	10.1 Pyramids 10.2 Cones	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It will also include knowledge covered previously.	Decorator: will need to calculate the amount of paint required to paint a wall or a fence	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary
	11 Data Analysis	11.1 Mean and range 11.2 Median 11.3 Mode	On-going in class formative assessment using FtG assessments Summative end of term assessment focusing on the skills learnt this term. It	Statisticians will use averages/graphs and probability to analyse results, see patterns in data and plan for the future using probabilities	

Quality of Education - Curriculum

			will also include knowledge covered previously.		
	12 Probability & Sets	12.1 Introducing probability 12.2 Single events 12.3 Combined events 12.4 Mutually exclusive events 12.5 Introducing sets 12.6 Sets and Venn diagrams	On-going in class formative assessment using FtG assessments Summative end of year assessment focusing on the skills learnt this year. It will also include knowledge covered previously. Specific areas for development identified. This will be informed by summative assessment, formative assessment and class work.	Statisticians will use averages/graphs and probability to analyse results, see patterns in data and plan for the future using probabilities	Numeracy All topic contents Literacy Keywords – Fully explained Checking spelling and correct use of mathematical vocabulary