

FS Level 1 Mathematics department scheme of work

Chapter	Title	Objectives	Resource links:
1	Whole numbers and decimals	<ul style="list-style-type: none">• NS1 Read, write, order, and compare large numbers (up to one million)• NS2 Recognise and use positive and negative numbers.• NS3 Multiply and divide whole numbers and decimals by 10, 100, 1000.• NS4 Use multiplication facts and make connections with division facts.• NS5 Use simple formulae expressed in words for one or two-step operations.• NS6 Calculate the squares of one-digit and two-digit numbers.• NS7 Follow the order of precedence of operators.• NS8 Read, write, order and compare common fractions and mixed numbers.• NS9 Find fractions of whole number quantities or measurements.• NS10 Read, write, order and compare decimals up to three decimal places.• NS11 Add, subtract, multiply and divide decimals up to two decimal places.• NS12 Approximate by rounding to a whole number or to one or two decimal places.	<p>NS1, NS2 and NS3</p> <p>NS4 and NS5</p> <p>NS6 and NS7</p> <p>NS8 and NS9</p> <p>NS10 ,NS11 and NS12</p>

2	Measures, perimeter, and area	<ul style="list-style-type: none"> • M3 Convert between units of length, weight, capacity, money, and time, in the same system. • M4 Recognise and make use of simple scales on maps and drawings. • M5 Calculate the area and perimeter of simple shapes including those that are made up of a combination of rectangles. • M6 Calculate the volumes of cubes and cuboids. 	M3 and M4 M5 and M6
3	Fractions, decimals, and percentages	<ul style="list-style-type: none"> • NS13 Read, write, order, and compare percentages in whole numbers. • NS14 Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof. • NS15 Estimate answers to calculations using fractions and decimals. • NS16 Recognise and calculate equivalences between common fractions, percentages, and decimals. • M1 Calculate simple interest in multiples of 5% on amounts of money. • M2 Calculate discounts in multiples of 5% on amounts of money. 	
4	Angles and 2D shapes	<ul style="list-style-type: none"> • M7 Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles. • M8 Interpret plans, elevations, and nets of simple 3-D shapes. • M9 Use angles when describing position and direction, and measure angles in degrees. 	

5	Graphs	<ul style="list-style-type: none"> • H1 Represent discrete data in tables, diagrams and charts including pie charts, bar charts and line graphs. • H2 Group discrete data and represent grouped data graphically. • H3 Find the mean and range of a set of quantities. • H4 Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events. • H5 Use equally likely outcomes to find the probabilities of simple events and express them as fractions 	
6	Ratio and proportion	<ul style="list-style-type: none"> • NS17 Work with simple ratio and direct proportions 	