Freeland Year ¾ Maths Curriculum Map

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Place Value				Number: Addition and Subtraction		Number: Multiplication and Division		Fractions		Number: Decimals including money	
Spring	Number: Addition and Subtraction		Measurement: Length, Perimeter and Area		Number: Multiplication and Division		Fractions		Measurement: Mass and Capacity / Decimals		Properties of shape(including Y4 position and coordinates)	
Summer	Number: Addition and Subtraction		Number: Multiplication and Division		Fractions	Measurement (Time)	Decimals and Fractions		Statistics		Properties of shape(including Y4 position and coordinates	Consolidation

Freeland Math Small Steps – Autumn Term

Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Decimals: Including money
Year 3 • Hundreds, tens and ones • Counting in 50's • Representing numbers to 1000 • Number line to 1000 • Find 1, 10 or 100 more or less than a number • Compare objects to 1000 • Compare numbers to 1000 • Order numbers **Year 4** • Count in 1000's • Count in 25's • 1000's, 100's and 10's • Partitioning • Number line to 10000 • 1000 more/ 1000 less • Compare number • Roman Numerals • Negative numbers • Rounding	**Year 3** • Estimate answers • Inverse operations • Add and subtract multiples of 100 • 3 digits and 1 digits number • Add and subtract 100's • Spot the pattern • Subtract 1 digit from 3 digit • Subtract 2 digit from 3 digit (Crossing the 100) **Year 4** • Add and subtract 1, 10, 100, 1000 • Add two 4 digit number • Add two 4 digit numbers • Add two 4 digit numbers (exchange) • Subtract two 4 digit number (no exchange, one exchange, more than one exchange) • Estimate answers • Checking strategies	**Year 3** • Multiply by 3 • Divide by 3 • Multiply by 4 • Divide by 4 • Multiply by 8 • Divide by 8 • Comparing statements • Related calculations **Year 4** • Multiply by 10, 100 • Divide by 10, 100 • Multiply by 1 and 0 • Divide by 1	**Year 3** • Unit and non-unit fractions • Making the whole • Fractions on a number line • Order and compare fraction Fractions of an amount Equivalent fractions • Add and subtract fractions **Year 4** • What is a fraction? • Fractions greater than 1 • Count in fractions • Calculate fractions of a quantity • Problem solving- calculate quantities • Add two or more fractions • Subtract 2 fractions • Subtract from whole amounts	**Year 3:** • Tenths • Count in tenths • Tenths as decimals **Year 4** • Recognise tenths and hundredths • Tenths as decimals • Tenths on a place value grid • Tenths on a number line

Freeland Math Small Steps – Spring term					
Addition and Subtraction Revisiting	**Measurement**	**Multiplication and Division**	**Fractions Revisiting**	**Measurement Year 3 Decimals: Including money**	**Properties of Shapes**
Year 3 • Subtract 1 digit from 3 digit • Subtract 2 digit from 3 digit (Crossing the 100) • Adding 2 digit to 3 digit (crossing 10 and 100) • Adding 3 digit to 3 digit (crossing 10, 100 and 1000) **Year 4** • Add and subtract 1, 10, 100, 1000 • Add two 4 digit number • Add two 4 digit numbers • Add two 4 digit numbers (exchange) • Subtract two 4 digit number (no exchange, one exchange, more than one exchange) • Estimate answers	**Year 3** • Equivalent lengths- m & cm • Equivalent lengths – mm & cm • Compare lengths • Measure perimeter • Calculate perimeter • Add and subtract lengths **Year 4** • Kilometres • Perimeter on a grid • Perimeter of a rectangle • Perimeter of rectilinear shapes • What is area? • Counting squares • Making shapes	**Year 3** • Multiply 2-digits by 1-digit • Divide 2-digits by 1-digit • Divide 2-digits by 1-digit • Divide 2-digits by 1-digit **Year 4** • Written methods • Multiply 2-digits by 1-digit • Multiply 3-digits by 1-digit Divide 2-digits by 1-digit • Divide 2-digits by 1-digit Divide 3-digits by 1-digit	**Year 3** • Unit and non-unit fractions • Making the whole • Fractions on a number line • Order and compare fraction Fractions of an amount Equivalent fractions • Add and subtract fractions **Year 4** • What is a fraction? • Fractions greater than 1 • Count in fractions • Calculate fractions of a quantity • Problem solving-calculate quantities	**Year 3** • Measure mass • Measure mass • Compare mass • Add and subtract mass • Measure capacity • Measure capacity • Compare capacity • Add and subtract capacity **Year 4** • Divide 1-digit by 10 • Divide 2-digits by 10	**Year 3** • Recognise angles as a property of shape or a description of a turn. • Identify right angles, • Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. • Draw 2-D shapes and make 3-D shapes using modelling materials. • Recognise 3-D shapes in different orientations

Checking strategies	• Comparing area		• Add two or more fractions • Subtract 2 fractions • Subtract from whole amounts	• Hundredths • Hundredths as decimals • Hundredths on a place value grid • Divide 1 or 2-digits by 100	and describe them. **Year 4** • Compare acute and obtuse angles • Compare geometric shapes including quadrilaterals and triangles • Identify lines of symmetry in 2D shapes based on their orientation • Complete a simple symmetric figure **Geometry** **Year 4** • Describe positions on a 2D grid as a coordinate • Describe movement between positions as translation

					● Plot points as coordinates

Freeland Maths Small Steps – Summer term				
Addition and Subtraction Revisiting	**Multiplication and Division Revisiting**	**Fractions Revisiting**	**Measurement Year 3 Decimals: Including money**	**Statistics**
Year 3 ● Subtract 1 digit from 3 digit ● Subtract 2 digit from 3 digit (Crossing the 100) ● Adding 2 digit to 3 digit (crossing 10 and 100) ● Adding 3 digit to 3 digit (crossing 10, 100 and 1000)	**Year 3** ● Multiply 2-digits by 1-digit ● Divide 2-digits by 1-digit ● Divide 2-digits by 1-digit ● Divide 2-digits by 1-digit **Year 4** ● Written methods ● Multiply 2-digits by 1-digit	**Year 3** • Unit and non-unit fractions • Making the whole • Fractions on a number line • Order and compare fraction Fractions of an amount Equivalent fractions •Add and subtract fractions **Year 4**	**Year 3** ● Measure mass ● Measure mass ● Compare mass ● Add and subtract mass ● Measure capacity ● Measure capacity	**Year 3** ● 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

| **Year 4**
• Add and subtract 1, 10, 100, 1000
• Add two 4 digit number
• Add two 4 digit numbers (exchange)
• Subtract two 4 digit number (no exchange, one exchange, more than one exchange)
• Estimate answers
Checking strategies | • Multiply 3-digits by 1-digit Divide 2-digits by 1-digit
• Divide 2-digits by 1-digit
• Divide 3-digits by 1-digit | • 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 | • Compare capacity
• Add and subtract capacity

Year 4

• Divide 1-digit by 10
• Divide 2-digits by 10
• Hundredths
• Hundredths as decimals
• Hundredths on a place value grid
• Divide 1 or 2-digits by 100 | fewer?'] using information presented in scaled bar charts and pictograms and tables.

Year 4
• Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
• Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs |

Retrieval Practice Highlights		
Autumn	Spring	Summer
- Count in 10, 100 and 1000 - Add and subtract two 4 digit numbers - Multiply and divide by 10, 100 and 1000 - Making equivalent fractions - Adding and subtracting fractions with the same denominator	- Add and subtract three digit numbers where exchanges are involved - Multiply 2 digit by 1 digit number - Divide 2-digits by 1-digit and divide 3-digits by 1-digit - Finding equivalent fractions and decimals	- Add two 4 digit numbers (exchange) - Subtract two 4 digit number (no exchange, one exchange, more than one exchange) - Divide 3-digits by 1-digit - Order and compare fraction, fractions of an amount, equivalent fractions