



Great Meols Primary School

Whole School Maths Curriculum Overview

This overview is a guideline and changes according to the individual needs of the children and the number of weeks in each half term. Concepts may be taught in a different order and revisited over the year. Calculation and mental fluency are taught regularly across all year groups.

EYFS	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Topic	Unit 1, Numbers to 5 <ul style="list-style-type: none"> Counting to 1, 2, 3 Counting to 4 Counting to 5 Unit 2, Comparing groups within 5 <ul style="list-style-type: none"> Comparing quantities of identical objects Comparing quantities of non-identical objects 	Unit 3, Shape <ul style="list-style-type: none"> 3d Shapes 2D Shapes Unit 4, Change within 5 <ul style="list-style-type: none"> One more One less Unit 5, Number bonds within 5 <ul style="list-style-type: none"> Introducing the part-whole model Unit 6, Space <ul style="list-style-type: none"> Spatial awareness 	Unit 7, Numbers to 10 <ul style="list-style-type: none"> Counting to 6, 7, 8 Counting to 9, 10 Unit 8, Comparing numbers within 10 <ul style="list-style-type: none"> Comparing groups up to 10 Addition to 10 <ul style="list-style-type: none"> Combining two groups to find the whole Unit 10, Measure <ul style="list-style-type: none"> Length, height & distance Weight 	Unit 11, Number bonds <ul style="list-style-type: none"> Using a ten frame The part-whole model to 10 Unit 12, Subtraction <ul style="list-style-type: none"> Subtraction Unit 13, Exploring patterns <ul style="list-style-type: none"> Making simple patterns Exploring more complex patterns 	Unit 14, Counting on and counting back <ul style="list-style-type: none"> Adding by counting on Taking away by counting back Numbers to 20 <ul style="list-style-type: none"> Counting to and from 20 Unit 16, Numerical patterns <ul style="list-style-type: none"> Doubling Halving and sharing Odds and evens 	Unit 17, Shape <ul style="list-style-type: none"> Composing and decomposing shapes Unit 18, Measure <ul style="list-style-type: none"> Volume and capacity Unit 19, Sorting <ul style="list-style-type: none"> Sorting into 2 groups Unit 20, Time <ul style="list-style-type: none"> My day



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<p>ELG</p>	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. • Recognise the pattern of the counting system. • Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. • Subitise (recognise quantities without counting) up to 5 	<ul style="list-style-type: none"> • Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. • Have a deep understanding of number to 10, including the composition of each number. • Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10, including double facts. 	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. • Verbally count, (recognising the pattern of the counting system). • Compare quantities up to 10 in different contexts, (recognising when one quantity is greater than, less than or the same as the other quantity). • Automatically recall (without reference to 	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. • Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. • Have a deep understanding of number to 10, 	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Verbally count beyond 20, recognising the pattern of the counting system. • Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally. 	<ul style="list-style-type: none"> • Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
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			<p>rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.</p> <ul style="list-style-type: none">• Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.	<p>including the composition of each number.</p>		
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Year 1	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Number	<p>Textbook 1A</p> <p>Unit 1, numbers to 10</p> <ul style="list-style-type: none"> • Sorting objects • Counting objects to 10 • Counting and writing numbers to 10 • Counting backwards from 10 to 0 • Counting one more • Counting one less • Comparing groups • Comparing objects and numbers • Comparing numbers • Ordering objects and numbers • First, second, third... • The number line <p>Unit 2, Part-Whole within 10</p> <ul style="list-style-type: none"> • The part-whole model • Related facts – number bonds • Finding number bonds • Comparing number bonds <p>Unit 3, Addition and subtraction within 10 (1)</p> <ul style="list-style-type: none"> • Finding whole - adding together • Finding the whole _ adding more • Finding a part • Finding and making number bonds • Finding addition facts • Solving word problems – addition <p>Unit 4, Addition and subtraction within 10 (2)</p> <ul style="list-style-type: none"> • Subtraction – how many are left? • Subtraction – breaking apart 	<p>Unit 6, Numbers to 20</p> <ul style="list-style-type: none"> • Counting and writing numbers to 20 • Tens and ones • Counting one more, one less • Comparing numbers of objects • Comparing numbers • Ordering objects and numbers 	<p>Textbook 1B</p> <p>Unit 7, Addition within 20</p> <ul style="list-style-type: none"> • Add on by counting • Adding ones • Finding number bonds • Add by making 10 • Solving word problems - addition <p>Unit 8, subtraction within 20</p> <ul style="list-style-type: none"> • Subtracting ones • Subtracting tens and ones • Subtraction – crossing the 10 • Solving word and picture problems – subtraction • Addition and subtraction problems to 20 • Comparing addition and subtractions • Solving word and picture problems – addition and subtraction <p>Unit 9, Numbers to 50</p> <ul style="list-style-type: none"> • Counting to 50 • Tens and ones • Representing numbers to 50 • Comparing numbers of objects • Comparing numbers • Ordering objects and numbers • Counting in 2's • Counting in 5's • Solving word problems – addition and subtraction 		<p>Textbook 1C</p> <p>Unit 12, Multiplication</p> <ul style="list-style-type: none"> • Counting in 10's, 5's and 2's • Making equal groups • Adding equal groups • Making simple arrays • Making doubles • Solving word problems – multiplication <p>Unit 13, Division</p> <ul style="list-style-type: none"> • Making equal groups • Sharing equally • Solving word problems – division <p>Unit 14, Halves and quarters.</p> <ul style="list-style-type: none"> • Finding halves • Finding quarters • Solving word problems – halves and quarters 	<p>Unit 16, Numbers to 100</p> <ul style="list-style-type: none"> • Counting to 100 • Exploring number patterns • Partitioning numbers • Comparing numbers • Ordering numbers • Bonds to 100



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	<ul style="list-style-type: none"> • Related facts – addition and subtraction • Subtraction – counting back • Subtraction – finding the difference • Solving word problems – subtraction • Comparing additions and subtractions • Solving word problems – addition and subtraction 					
Measure				<p>Unit 10, Introducing length and height</p> <ul style="list-style-type: none"> • Comparing lengths and heights • Non-standard units of measure • Measuring length using a ruler • Solving word problems – length <p>Unit 11, Introducing weight and volume</p> <ul style="list-style-type: none"> • Comparing weight • Measuring weight • Comparing weight • Comparing weight using measuring • Comparing capacity • Measuring capacity • Comparing capacity using measuring • Solving word problems – weight and capacity 		<p>Unit 17, Time</p> <ul style="list-style-type: none"> • Using before and after • Using a calendar • Telling time to the hour • Telling time to the half hour • Writing time • Comparing time • Solving word problems - time <p>Unit 18, Money</p> <ul style="list-style-type: none"> • Recognising coins • Recognising notes • Counting with coins
Geometry		<p>Unit 5, 2D and 3D shape</p> <ul style="list-style-type: none"> • Naming 3D shapes • Naming 2D shapes • Making patterns with shapes 			<p>Unit 15, Position and Direction</p> <ul style="list-style-type: none"> • Describing turns • Describing positions 	



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Year 2	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Number	<p>Textbook 2A Unit 1, Numbers to 100</p> <ul style="list-style-type: none"> Counting objects to 100 Representing numbers to 100 Tens and ones Representing numbers on a place value grid Comparing numbers Ordering numbers Counting in 2's, 5's and 10's Counting in 3's <p>Unit 2, Addition and Subtraction (1)</p> <ul style="list-style-type: none"> Related facts – addition and subtraction Using number facts to check calculations Comparing number sentences Finding related facts Making number bonds to 100 	<p>Unit 5, Multiplication and Division (1)</p> <ul style="list-style-type: none"> Making equal groups Multiplication as equal groups Adding equal groups Multiplication sentences Using arrays 2 time- table 5 times-table 10 times-table Solving word problems - multiplication 	<p>Textbook 2B Unit 6, Multiplication and Division (2)</p> <ul style="list-style-type: none"> Making equal groups Sharing and grouping Dividing by 2 Odd and evens numbers Dividing by 5 Dividing by 10 Bar modelling – grouping Bar modelling – sharing Solving word problems - division 	<p>Unit 10, Fractions</p> <ul style="list-style-type: none"> Understanding whole and parts Making equal parts Recognising a half ($\frac{1}{2}$) Finding half Recognising a quarter ($\frac{1}{4}$) Finding a quarter Unit fractions Understanding other fractions $\frac{1}{2}$ and $\frac{2}{4}$ Finding $\frac{3}{4}$ Understanding a whole Understanding a whole and parts Counting in halves Counting in quarters 	<p>Textbook 2C Unit 12, Problem solving and efficient methods</p> <ul style="list-style-type: none"> My way, your way Using number facts Using number facts and equivalence Using a 100 square Getting started Missing numbers Mental addition and subtraction Efficient addition and subtraction Solving problems – addition and subtraction Solving problems – multiplication and division Solving problems using the four operations 	



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	<ul style="list-style-type: none"> • Adding and subtracting 1's • Finding 10 more and 10 less • Adding and subtracting 10's • Adding a two-digit and one-digit number • Subtracting a 1-digit number from a 2-digit number <p>Unit 3, Addition and Subtraction (2)</p> <ul style="list-style-type: none"> • Adding two 2-digit numbers • Subtracting a 2-digit number from another 2-digit number • Adding three 1-digit numbers • Solving word problems the bar model 					
<p style="text-align: center;">Measure</p>		<p>Unit 4, Money</p> <ul style="list-style-type: none"> • Counting money – coins • Counting money – notes • Counting money – coins and notes • Showing equal amounts of money • Comparing amounts of money • Calculating the total amount • Finding change • Solving two-step problems 		<p>Unit 8, Length and Height</p> <ul style="list-style-type: none"> • Measuring in centimetres • Measuring in metres • Comparing lengths • Ordering lengths • Solving word problems - length 		<p>Unit 13, Time</p> <ul style="list-style-type: none"> • Telling and writing time to the hour and the half hour • Telling time to the quarter hour • Telling time to 5 minutes • Minutes in an hour • Finding durations of time • Comparing durations of time • Finding the end time • Finding the start time • Hours in a day <p>Unit 14, Weight, volume and temperature</p> <ul style="list-style-type: none"> • Comparing mass • Measuring mass in grams • Measuring mass in kilograms • Comparing volume • Measuring capacity in millilitres • Measuring volume in litres • Measuring temperature using a thermometer • Reading thermometers



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<p>Geometry, position & direction</p>				<p>Unit 9, Properties of shape</p> <ul style="list-style-type: none"> • Recognising 2D and 3D shapes • Drawing 2D shapes • Counting sides on 2D shapes • Counting vertices on 2D shapes • Finding lines of symmetry • Sorting 2D shapes • Counting faces on 3D shapes • Counting edges on 3D shapes • Counting vertices on 3D shapes • Sorting 3D shapes • Making patterns with 3D shapes 	<p>Unit 11, Position and direction</p> <ul style="list-style-type: none"> • Describing movement • Describing turns • Describing movement and turns • Making patterns with shapes 	
<p>Statistics</p>			<p>Unit 7 Statistics</p> <ul style="list-style-type: none"> • Making tally charts • Creating pictograms • Interpreting pictograms • Block diagrams • Solving word problems 			



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Year 3	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Number	<p>Textbook 3A Unit 1, Place value within 1,000</p> <ul style="list-style-type: none"> Counting in 100's Representing numbers to 1,000 100s, 10s and 1s The number line to 1,000 Finding 1, 10 and 100 more or less Comparing numbers to 1,000 Ordering numbers to 1,000 Counting in 50s <p>Unit 2, Addition and Subtraction (1)</p> <ul style="list-style-type: none"> Adding and subtracting 10s Adding and subtracting a 3-digit number and 1s Adding a 3-digit number and 1s Subtracting 1s from a 3-digit number Adding and subtracting a 3-digit number and 10s Adding a 3-digit number and 10s Subtracting 10s from a 3-digit number Adding and subtracting a 3-digit and 2-digit number Adding a 3-digit and 2-digit number Subtracting a 2-digit number from 3-digit number 	<p>Unit 3, Addition and Subtraction (2)</p> <ul style="list-style-type: none"> Addition and subtraction patterns Adding two 3-digit numbers Subtracting a 3-digit number from a 3-digit number Estimating answers to additions and subtractions Checking strategies Problem solving – addition and subtraction <p>Unit 4, Multiplication and Division (1)</p> <ul style="list-style-type: none"> Multiplication – equal grouping Multiplying by 3 Dividing by 3 3 times-table Multiplying by 4 Dividing by 4 4 times-table Multiplying by 8 Dividing by 8 8 times-table Problem solving – multiplication and division Understanding divisibility Related facts – multiplication and division 	<p>Textbook 3B Unit 5, Multiplication and Division (2)</p> <ul style="list-style-type: none"> Comparing multiplication and division statements Related multiplication calculations Related multiplication and division calculations Multiplication a 2-digit number by a 1-digit number Dividing a 2-digit number by a 1-digit number How many ways? Problems solving – mixed problems 	<p>Unit 9, Fractions (1)</p> <ul style="list-style-type: none"> Unit and non-unit fractions Making the whole Tenths Fractions as numbers Fractions of a set of objects Problem solving - fractions 	<p>Textbook 3C Unit 10, Fractions (2)</p> <ul style="list-style-type: none"> Equivalent fractions Comparing fractions Comparing and ordering fractions Adding fractions Subtracting fractions Problem solving – adding and subtracting fractions Problem solving – fractions of measures 	



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<p>Measure</p>			<p>Unit 6, Money</p> <ul style="list-style-type: none"> • Pounds and pence • Converting pounds and pence • Adding money • Subtracting amounts of money • Problem solving – money 	<p>Unit 8, Length</p> <ul style="list-style-type: none"> • Measuring length • Equivalent lengths – metres and centimetres • Equivalent lengths centimetres and millimetres • Comparing lengths • Adding lengths • Subtracting lengths • Measuring the perimeter • Problem solving – length 	<p>Unit 11, Time</p> <ul style="list-style-type: none"> • Months and years • Hours in a day • Estimating time • Telling time to 5 minutes • Telling time to the minute • Finding the duration • Comparing duration • Finding start and end times • Measuring time in seconds 	<p>Unit 13, Mass</p> <ul style="list-style-type: none"> • Measuring mass • Comparing masses • Adding and subtracting masses • Problem solving - mass <p>Unit 14, Capacity</p> <ul style="list-style-type: none"> • Measuring capacity • Comparing capacities • Adding and subtracting capacities • Problem solving - capacity
<p>Geometry, position & direction</p>						<p>Unit 12, Angles and properties of shapes</p> <ul style="list-style-type: none"> • Turns and angles • Right angles in shapes • Comparing angles • Drawing accurately • Types of line • Recognising and describing 2D shapes • Recognising and describing 3D shapes • Constructing 3D shapes
<p>Statistics</p>			<p>Unit 7, Statistics</p> <ul style="list-style-type: none"> • Pictograms • Bar charts • Tables 			



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Year 4	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
			Unit 6, Money <ul style="list-style-type: none"> Pounds and pence Converting pounds and pence Adding money Subtracting amounts of money Problem solving – money Unit 7, Statistics <ul style="list-style-type: none"> Pictograms Bar charts Tables 			<ul style="list-style-type: none"> Recognising and describing 3D shapes Constructing 3D shapes
Number	Textbook 4A Unit 1, Place value - 4-digit numbers (1) <ul style="list-style-type: none"> Numbers to 1,000 Rounding to the nearest 10 Rounding to the nearest 100 Counting in 1,000s Representing 4-digit numbers 1,000s, 100s, 10s and 1s The number line to 10,000 Roman numerals to 100 Unit 2, Place value - 4-digit numbers (2) <ul style="list-style-type: none"> Finding 1,000 more or less Comparing 4-digit numbers Ordering numbers to 10,000 Rounding to the nearest 1,000 Solving number problems using rounding Counting in 25s Negative numbers 	Unit 3, Addition and subtraction <ul style="list-style-type: none"> Adding and subtracting 1s, 10s, 100s, 1000s Adding two 4-digit numbers Subtracting two 4-digit numbers Equivalent differences Estimating answers to additions and subtractions Checking strategies Problem solving – addition and subtraction Unit 5, Multiplication and division (1) <ul style="list-style-type: none"> Multiplying by multiples of 10 and 100 Dividing multiples of 10 and 100 Multiplying by 0 and 1 Dividing by 1 Multiplying and dividing by 6 6 times-table Multiplying and dividing by 9 9 times-table Multiplying and dividing by 7 7 times table 11 and 12 times-tables 	Textbook 4B Unit 6, Multiplication and division (2) <ul style="list-style-type: none"> Problem solving – addition and multiplication Problem solving mixed problems Using written methods to multiply Multiplying a 2-digit number by a 1-digit number Multiplying a 3-digit number by a 1-digit number Problem solving – multiplication Multiplying more than two numbers Problem solving – mixed correspondence problems Dividing a 2-digit number by a 1-digit number Dividing a 3-digit number by a 1-digit number Problem solving - division Unit 8, Fractions <ul style="list-style-type: none"> Tenths and hundredths Equivalent fractions Simplifying fractions Fractions greater than 1 	Unit 9, Fractions (2) <ul style="list-style-type: none"> Adding fractions Subtracting fractions Problem solving – adding and subtracting fractions Calculating fractions of a quantity Problem solving – fraction of a quantity (1) Unit 10, Decimals (1) <ul style="list-style-type: none"> Tenths Dividing by 10 Hundredths Dividing by 100 Dividing by 10 and 100 	Textbook 4C Unit 11, Decimals (2) <ul style="list-style-type: none"> Making a whole Writing decimals Comparing decimals Ordering decimals Rounding decimals Halves and quarters Problem solving with decimals Unit 12, Money <ul style="list-style-type: none"> Pounds and pence Pounds, tenths and hundredths Ordering amounts of money Rounding money Using rounding to estimate money Problem solving – pounds and pence Problem solving – multiplication and division Solving two-step problems Problem solving - money 	



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<p>Measure</p>		<p>Unit 4, Measure-perimeter</p> <ul style="list-style-type: none"> • Kilometres • Perimeter of a rectangle (1) • Perimeter of a rectangle (2) • Perimeter of rectilinear shapes (1) • Perimeter of rectilinear shapes(2) 	<p>Unit 7, Measure-area</p> <ul style="list-style-type: none"> • What is area? • Counting squares (1) • Counting squares (2) • Making shapes • Comparing area 		<p>Unit 13, Time</p> <ul style="list-style-type: none"> • Units of time (1) • Units of time (2) • Converting times (1) • Converting times (2) • Problem solving – units of time • Problem solving – multiplication and division • Solving two-step problems • Problem solving – money 	
<p>Geometry, position & direction</p>						<p>Unit 15, Geometry – angles and 2D shapes</p> <ul style="list-style-type: none"> • Identifying angles • Comparing and ordering angles • Identifying regular and irregular shapes • Classifying triangles • Classifying and comparing quadrilaterals • Deducing facts about shapes • Lines of symmetry inside a shape • Lines of symmetry outside a shape • Completing a symmetric figure • Completing a symmetric shape <p>Unit 16, Geometry – position and direction</p> <ul style="list-style-type: none"> • Describing position • Drawing on a grid • Reasoning on a grid • Moving on a grid • Describing a movement on a grid
<p>Statistics</p>					<p>Unit 14, Statistics</p> <ul style="list-style-type: none"> • Charts and tables • Line graphs • Problem solving - graphs 	



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Year 5	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Number	<p>Textbook 5A Unit 1, Place value within 100,000</p> <ul style="list-style-type: none"> Numbers to 10,000 Rounding to the nearest 10, 100 and 1,000 10,000s, 1,000s, 100s, 10s and 1s The number line to 100,000 Comparing and ordering numbers to 100,000 Rounding numbers to 100,000 Roman numerals to 10,000 <p>Unit 2, Place value within 1,000,000</p> <ul style="list-style-type: none"> 100,000s, 10,000s, 1,000s, 100s, 10s and 1s Number line to 1,000,000 Comparing and ordering numbers to 1,000,000 Rounding numbers to 1,000,000 Negative numbers Counting in 10s, 100s, 1,000s, 10,000s Number sequences <p>Unit 3, addition and subtraction.</p> <ul style="list-style-type: none"> Adding whole numbers with more than 4-digits Subtracting whole numbers with more than 4-digits Using rounding to estimate and check answers 	<p>Unit 5, Multiplication and division (1)</p> <ul style="list-style-type: none"> Multiples Factors Prime numbers Using factors Squares Cubes Inverse operations Multiplying whole numbers by 10, 100 and 1,000 Dividing whole numbers by 10, 100 and 1,000 Multiplying and dividing by multiples of 10, 100 and 1,000 	<p>Textbook 5B Unit 7, Multiplication and division (2)</p> <ul style="list-style-type: none"> Multiplying numbers up to 4-digits by a 1-digit number Multiplying 2-digit numbers Multiplying a 3-digit number by a 2-digit number Dividing up to a 4-digit number by a 1-digit number Division with remainders Problem solving – division with remainders <p>Unit 8, Fractions (1)</p> <ul style="list-style-type: none"> Equivalent fractions Converting improper fractions to mixed numbers converting mixed numbers to improper fractions Number sequences Comparing and ordering fractions Fractions as division <p>Unit 9, Fractions (2)</p> <ul style="list-style-type: none"> Adding and subtracting fractions with the same denominator Adding and subtracting fractions Adding fractions Subtracting fractions 	<p>Unit 10, Fractions (3)</p> <ul style="list-style-type: none"> Multiplying fractions Calculating fractions of amounts Using fractions as operators Problem solving – mixed word problems <p>Unit 11, Decimals and percentages</p> <ul style="list-style-type: none"> Writing decimals Decimals as fractions Understanding thousandths Writing thousandths as decimals Ordering and comparing decimals Rounding decimals Understanding percentages Percentages as fractions and decimals Equivalent fractions, decimals and percentages 	<p>Textbook 5C Unit 12, Decimals</p> <ul style="list-style-type: none"> Adding and subtracting decimals Decimal sequences Problem solving – decimals Multiplying decimals by 10 Multiplying decimals by 10, 100 and 1,000 Dividing decimals by 10 Dividing decimals by 10, 100 and 1,000 <p>Unit 13, Time</p> <ul style="list-style-type: none"> Units of time (1) Units of time (2) Converting times (1) Converting times (2) Problem solving – units of time 	



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	<ul style="list-style-type: none"> Mental addition and subtraction Using inverse operations Problem solving – addition and subtraction 		<ul style="list-style-type: none"> Problem solving – mixed word problems 			
Measure		Unit 6, Measure – area and perimeter <ul style="list-style-type: none"> Measuring perimeter Calculating perimeter Calculating area Comparing area Estimating area 				Unit 16, Measure – converting <ul style="list-style-type: none"> Metric units Imperial units of Length Imperial units of mass Imperial units of capacity Converting units of time Unit 17, Measure – volume and capacity <ul style="list-style-type: none"> What is volume? Comparing volumes Estimating volume Estimating capacity
Geometry, position & direction					Unit 13, Geometry – properties of shapes (1) <ul style="list-style-type: none"> Measuring angles in degrees Measuring with a protractor Drawing lines and angles accurately Calculating angles on a straight line Calculating angles around a point Calculating lengths and angles in shapes 	Unit 14, Geometry – properties of shape (2) <ul style="list-style-type: none"> Recognising and drawing parallel lines Recognising and drawing perpendicular lines Reasoning about parallel and perpendicular lines Regular and irregular polygons Reasoning about 3D shapes Unit 15, Geometry – position and direction <ul style="list-style-type: none"> Reflection Reflection with coordinates Translation Translation with coordinates
Statistics	Unit 4, Graphs and tables <ul style="list-style-type: none"> Interpreting tables Two-way tables Interpreting line graphs Drawing line graphs 					



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Year 6	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Number	<p>Textbook 6A Unit 1, Place value to 10,000,000</p> <ul style="list-style-type: none"> Numbers to 1,000,000 Numbers to 10,000,000 Number line to 10,000,000 Comparing and ordering numbers to 10,000,000 Rounding numbers Negative numbers <p>Unit 2, four operations (1)</p> <ul style="list-style-type: none"> Problem solving using written methods of addition and subtraction Multiplying numbers up to four digits by a 1-digit number Multiplying numbers up to four digits by a 2-digit number Dividing numbers up to 4 digits by a 2-digit number <p>Unit 3, four operations (2)</p> <ul style="list-style-type: none"> Common factors Common multiples Recognising prime numbers to 100 Squares and cubes Order of operations Brackets Mental calculations Reasoning from known facts 	<p>Unit 4 Fractions (1)</p> <ul style="list-style-type: none"> Simplifying fractions Fractions on a number line Comparing and ordering fractions Adding and subtracting fractions Adding fractions Subtracting fractions Problem solving – adding and subtracting fractions <p>Unit 5, Fractions (2)</p> <ul style="list-style-type: none"> Multiplying a fraction by a whole number Dividing a fraction by a whole number Multiplying a fraction by a fraction 	<p>Textbook 6B Unit 7, Decimals</p> <ul style="list-style-type: none"> Multiplying by 10, 100 and 1,000 Dividing by 10, 100 and 1,000 Decimals as fractions Fractions as decimals Multiplying decimals Dividing decimals <p>Unit 8, Percentages</p> <ul style="list-style-type: none"> Percentage of Finding missing values Converting fractions to percentages Equivalent fractions, decimals and percentages Mixed problem solving 	<p>Unit 9, Algebra</p> <ul style="list-style-type: none"> Finding a rule Using a rule Formulae Solving equations 		<p>Unit 14, Problem solving</p> <ul style="list-style-type: none"> Problem solving -place value Problem solving – negative numbers Problem solving – addition and subtraction Problem solving – four operations Problem solving – fractions Problem solving – decimals Problem solving – percentages Problem solving – ratio and proportion Problem solving – time Problem solving – position and direction Problem solving – properties of shape



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Measure				Unit 10, Measure – Imperial and metric measures <ul style="list-style-type: none">• Metric measures• Converting metric measures• Problem solving – metric measures• Miles and Km• Imperial measures Unit 11 – Measure perimeter, area and volume <ul style="list-style-type: none">• Shapes with the same area• Area and perimeter• Area of a parallelogram• Area of a triangle• Problem solving – area• Problem solving – perimeter• Volume of a cuboid Unit 12, Ratio and Proportions <ul style="list-style-type: none">• Ratio Scale drawings• Scale factors• Similar shapes• Problem solving – ratio and proportion		
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Whole School Maths Curriculum Overview

<p>Geometry, position & direction</p>		<p>Unit 6, Geometry – position and direction</p> <ul style="list-style-type: none"> Plotting coordinates in the first quadrant. Plotting coordinates Plotting translations and reflections. Reasoning about shapes with coordinates 			<p>Textbook 6C Unit 13, Geometry – properties of shape</p> <ul style="list-style-type: none"> Measuring with a protractor Drawing shapes accurately Angles in triangles Angles in polygons Vertically opposite angles Equal distance Parts of a circle Nets 	
<p>Statistics</p>						<p>Unit 15, Statistics</p> <ul style="list-style-type: none"> The mean Introducing Pie charts Reading and interpreting pie charts Fractions and pie charts Percentages and pie charts Interpreting line graphs Constructing line graphs