Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 4 - Term 1 & 2

Year 4	Term 1					
Week 1: Number/Place Value	**Week 2: Number/Place Value**	**Week 3: Number/Place Value**	**Week 4: Number/Place Value**	**Week 5: Number/Place Value**	**Week 6: Addition / Subtraction**	**Week 7: Addition / Subtraction**
- Count in multiples of 6, 7, 9, 25 and 1000 **Y4:NP1** - Find 1000 more or less than a given number **Y4:NP2**	- Count backwards through zero to include negative numbers **Y4:NP3** - Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) **Y4:NP4**	- Order and compare numbers beyond 1000 **Y4:NP5** - Identify, represent and estimate numbers using different representations **Y4:NP6**	- Round any number to the nearest 10, 100 or 1000 **Y4:NP7** - Solve number and practical problems that involve all of the above and with increasingly large positive numbers **Y4:NP8**	- Read roman numerals to 100 (i to c) and know that over time, the numeral system changed to include the concept of zero and place value. **Y4:NP9**	- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate **Y4:AS1** - Estimate and use inverse operations to check answers to a calculation **Y4:AS2**	- Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. **Y4:AS3**
Year 4	**Term 2**					
Week 1: Measurement	**Week 2: Multiplication/Division**	**Week 3: Multiplication/Division**	**Week 4: Multiplication/Division**	**Week 5: Measurement**	**Week 6:**	**Week 7:**
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres **Y4:M2**	- Recall multiplication and division facts for multiplication tables up to 12 × 12 **Y4:MD1** - Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers **Y4:MD2**	- Recognise and use factor pairs and commutativity in mental calculations **Y4:MD3** - Multiply two-digit and three-digit numbers by a one-digit number using formal written layout **Y4:MD4**	- Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects. **Y4:MD5**	- Find the area of rectilinear shapes by counting squares **Y4:M3**	Assessment Week	- Teaching of any previous objectives not yet approached. - Consolidation through Active Maths

Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 4 - Term 3 & 4

Year 4	Term 3					
Week 1: Fractions / Decimals	**Week 2: Fractions / Decimals**	**Week 3: Fractions / Decimals**	**Week 4: Fractions / Decimals**	**Week 5: Fractions / Decimals**	**Week 6: Fractions / Decimals**	
- Recognise and show, using diagrams, families of common equivalent fractions **Y4:FD1** - Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. **Y4:FD2**	- 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 **Y4:FD3** - Add and subtract fractions with the same denominator **Y4:FD4**	- Recognise and write decimal equivalents of any number of tenths or hundredths **Y4:FD5** - Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ **Y4:FD6**	- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths **Y4:FD7** - Round decimals with one decimal place to the nearest whole number **Y4:FD8**	- Compare numbers with the same number of decimal places up to two decimal places **Y4:FD9**	- Solve simple measure and money problems involving fractions and decimals to two decimal places. **Y4:FD10**	
Year 4	**Term 4**					
Week 1: Measurement	**Week 2: Measurement**	**Week 3: Measurement**	**Week 4: Assessments**	**Week 5: Measurement**	**Week 6:**	
- Convert between different units of measure [for example, kilometre to metre; hour to minute] **Y4:M1**	- Estimate, compare and calculate different measures, including money in pounds and pence **Y4:M4**	- Read, write and convert time between analogue and digital 12- and 24-hour clocks **Y4:M5**	- Assessment Week	- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days. **Y4:M6**	- Teaching of any previous objectives not yet approached. - Consolidation through Active Maths	

Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 4 - Term 5 & 6

Year 4	Term 5					
Week 1: Statistics	**Week 2: Statistics**	**Week 3: Shape**	**Week 4: Shape**	**Week 5: Shape**	**Week 6:**	
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. **Y4:ST1**	- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. **Y4:ST2**	- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes **Y4:S1**	- Identify acute and obtuse angles and compare and order angles up to two right angles by size **Y4:S2**	- Identify lines of symmetry in 2-d shapes presented in different orientations **Y4:S3**	- Complete a simple symmetric figure with respect to a specific line of symmetry. **Y4:S4**	
Year 4	**Term 6**					
Week 1: Position/Direction	**Week 2: Position/Direction**	**Week 3: Position/Direction**	**Week 4:**	**Week 5:**	**Week 6:**	
- Describe positions on a 2-d grid as coordinates in the first quadrant **Y4:PD1**	- Describe movements between positions as translations of a given unit to the left/right and up/down **Y4:PD2**	- Plot specified points and draw sides to complete a given polygon. **Y4:PD3**	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	Assessment Week	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	

Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 3 - Term 1 & 2

Year 3	Term 1					
Week 1: Number/ Place value	**Week 2: Number/ Place value**	**Week 3: Number/ Place value**	**Week 4: Addition/Subtraction**	**Week 5: Addition/Subtraction**	**Week 6: Addition/Subtraction**	**Week 7: Addition/Subtraction**
- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number **Y3:NP1** - Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) **Y3:NP2** -	- Compare and order numbers up to 1000 **Y3:NP3** - Identify, represent and estimate numbers using different representations **Y3:NP4**	- Read and write numbers up to 1000 in numerals and in words **Y3:NP5** - Solve number problems and practical problems involving these ideas. **Y3:NP6**	- Add and subtract three-digit number and ones **Y3:AS1**	- Add and subtract a three-digit number and tens **Y3:AS2**	- Add and subtract a three-digit number and hundreds **Y3:AS3**	- Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction Y3:AS4
Year 3	Term 2					
Week 1: Addition/Subtraction	**Week 2: Addition/Subtraction**	**Week 3: Multiplication/Division**	**Week 4: Multiplication/Division**	**Week 5: Multiplication/Division**	**Week 6: Assessments**	**Week 7:**
- Estimate the answer to a calculation and use inverse operations to check answers **Y3:AS5**	- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. **Y3:AS6**	- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables **Y3:MD1**	- Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods **Y3:MD2**	- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects. **Y3:MD3**	Assessment Week	- Teaching of any previous objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths

Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 3 - Term 3 & 4

Year 3	Term 3					
Week 1: Measurement	**Week 2: Statistics**	**Week 3: Statistics**	**Week 4: Measurement**	**Week 5: Fractions**	**Week 6: Fractions**	
- Add and subtract amounts of money to give change, using both £ and p in practical contexts **Y3:M3**	- Interpret and present data using bar charts, pictograms and tables **Y3:ST1**	- Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables. **Y3:ST2**	- Measure the perimeter of simple 2-d shapes **Y3:M2** -	- Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 **Y3:F1**	- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators **Y3:F2**	
Year 3	Term 4					
Week 1: Fractions	**Week 2: Fractions**	**Week 3: Fractions**	**Week 4: Assessments**	**Week 5: Measurement**	**Week 6: Measurements**	
- Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators **Y3:F3** - Recognise and show, using diagrams, equivalent fractions with small denominators **Y3:F4**	- Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$] **Y3:F5**	- Compare and order unit fractions, and fractions with the same denominators **Y3:F6** - Solve problems that involve all of the above. **Y3:F7**	- Assessment Week	- Tell and write the time from an analogue clock, including using roman numerals from i to xii, and 12-hour and 24-hour clocks **Y3:M4**	- Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight **Y3:M5**	

Year 1-6 Long Term Curriculum Coverage & Sequence of lessons

(Reasoning & Problem Solving linked to objectives will be incorporated within lessons)

Mathematics: Year 3 - Term 5 & 6

Year 3	Term 5					
Week 1: Measurement	**Week 2: Shape**	**Week 3: Shape**	**Week 4: Shape**	**Week 5: Shape**	**Week 6:**	
- Know the number of seconds in a minute and the number of days in each month, year and leap year Y3:M6 - Compare durations of events [for example to calculate the time taken by particular events or tasks]. Y3:M7	- Draw 2-d shapes and make 3-d shapes using modelling materials; recognise 3-d shapes in different orientations and describe them Y3:S1	- Recognise angles as a property of shape or a description of a turn Y3:S2	- Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle Y3:S3	- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. Y3:S4	- Consolidation through Active Maths	
Year 3	**Term 6**					
Week 1: Measurement	**Week 2:**	**Week 3:**	**Week 4:**	**Week 5: Assessments**	**Week 6:**	
- Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Y3:M1	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	Assessment Week	- Teaching of any objectives not yet approached. - Maths Investigations - Problem Solving - Consolidation through Active Maths	