SHOBNALL PRIMARY & NURSERY SCHOOL

MATHEMATICS PROGRAMME OF STUDY

YEAR 3 LONG TERM OVERVIEW

YEAR THREE MATHEMATICS LONG TERM OVERVIEW

KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT

AUTUMN TERM, SPRING TERM and SUMMER TERM

Week	Unit	Lesson titles	Domain	National Curriculum Pupils should be taught to:
1	***Unit 1 – Place value within 1,000***	Lesson 1 – Represent and partition numbers to 100	Number – number and place value	• *Recognise the place value of each digit in a 2-digit number (tens, ones) (YEAR 2)*
		Lesson 2 – Number line to 100	Number – number and place value	• Compare and order numbers up to 1,000.
		Lesson 3 – 100s	Number – number and place value	• Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.
		Lesson 4 Represent numbers to 1,000s	Number – number and place value	• Identify, represent and estimate numbers using different representations.
		Lesson 5 – Partition numbers to 1,000	Number – number and place value	• Recognise the place value of each digit in a three-digit number (hundreds, tens, and ones).
2		Lesson 6 – Partition numbers to 1,000 flexibly	Number – number and place value	• Recognise the place value of each digit in a three-digit number (hundreds, tens and ones).
		Lesson 7 – 100s, 10s and 1s	Number – number and place value	• Recognise the place value of each digit in a three-digit number (hundreds, tens and ones).
		Lesson 8 – Use a number line to 1,000	Number – number and place value	• Identify, represent and estimate numbers using different representations.
		Lesson 9 – Estimate on a number line to 1,000	Number – number and place value	• Identify, represent and estimate numbers using different representations.
		Lesson 10 – Find 1, 10 and 100 more or less	Number – number and place value	• Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.
3		Lesson 11 – Compare numbers to 1,000	Number – number and place value	• Compare and order numbers up to 1,000.
		Lesson 12 – Order numbers to 1,000	Number – number and place value	• Compare and order numbers up to 1,000.
		Lesson13 – Count in 50s	Number – number and place value	• Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
	End of Unit Check			

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	Unit 2 – Addition and subtraction (1)	Lesson 1- Apply number bonds within 10	Number – Addition and subtraction	• *Recognise the place value of each digit in a two-digit number (10s, 1s) (YEAR 2)*
4		Lesson 2 – Add/subtract 1s	Number – Addition and subtraction	• Add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds.
		Lesson 3 – Add/subtract 10s	Number – Addition and subtraction	• Add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds.
		Lesson 4 – Add/subtract 100s	Number – Addition and subtraction	• Add and subtract numbers mentally, including: - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds.
		Lesson 5 – Spot the pattern	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 6 – Add 1s across 10	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
5		Lesson 7 – Add 10s across 100	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 8 – Subtract 1s across 10	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 9 – Subtract 10s across 100	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 10 – Make connections	Number – Addition and subtraction	• Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
	End of Unit Check			
6	***Unit 3 – Addition and Subtraction (2)***	Lesson 1- Add two numbers	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 2 – Subtract two numbers	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 3 – Add tow numbers (across 10)	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 4 – Add two numbers (across 100)	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 5 – Subtract two numbers (across 10)	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.

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7		Lesson 6 – Subtract two numbers (across 100)	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 7 – Add a 3-digit and a 2-digit number	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 8 – Subtract 2-digit number from a 3-digit number	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 9 – Complements to 100	Number – Addition and subtraction	• Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
		Lesson 10 – Estimate answers	Number – Addition and subtraction	• Estimate the answer to a calculation and use inverse operations to check answers.
8		Lesson 11 – Inverse operations	Number – Addition and subtraction	• Estimate the answer to a calculation and use inverse operations to check answers.
		Lesson 12 – Problem solving (1)	Number – Addition and subtraction	• Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
		Lesson 13 – Problem solving (2)	Number – Addition and subtraction	• Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
	End of Unit Check			
	Unit 4 – Multiplication and division (1)	Lesson 1- Multiplication – equal groups	Number- Multiplication and division	• 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.
		Lesson 2 – Use arrays	Number- Multiplication and division	• 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.
9		Lesson 3 – Multiples of 2	Number- Multiplication and division	• 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.
		Lesson 4 – Multiples of 5 and 10	Number- Multiplication and division	• 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.
		Lesson 5 – Share and group	Number- Multiplication and division	• 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.

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	End of Unit Check			
10	***Unit 5 – Multiplication and division (2)***	Lesson 1 – Multiply by 3	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 2 – Divide by 3	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 3 – The 3 times tables	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 4 – Multiply by 4	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 5 – Divide by 4	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 6 – The 4 times-table	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
11		Lesson 7- Multiply by 8	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 8 – Divide by 8	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 9 – The 8 times table	Number- Multiplication and division	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
		Lesson 10 – Problem solving – multiplication and division (1)	Number- Multiplication and division	• 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.
		Lesson 11 – Problem solving – multiplication and division (2)	Number- Multiplication and division	• 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.

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12		Lesson 12 – Understanding divisibility (1)	Number- Multiplication and division	• 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.
		Lesson 13 – Understanding divisibility (2)	Number- Multiplication and division	• 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.
	End of Unit Check			
	Consolidation			
	Consolidation			
1	***Unit 6 – Multiplication and division (3)***	Lesson 1 – Multiples of 10	Number- Multiplication and division	• 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.
		Lesson 2 – Related calculations	Number- Multiplication and division	• 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.
		Lesson 3 – Reasoning about multiplication	Number- Multiplication and division	• 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.
		Lesson 4 – Multiply 2-digits by 1-digit – no exchange	Number- Multiplication and division	• 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.
		Lesson 5 – Multiply 2-digits by 1-digit - exchange	Number- Multiplication and division	• 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.
2		Lesson 6 – Expanded written methods.	Number- Multiplication and division	• 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.
		Lesson 7 – Link multiplication and division	Number- Multiplication and division	• 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.
		Lesson 8 – Divide 2-digits by 1-digit -no exchange	Number- Multiplication and division	• 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.

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		Lesson 9 – Divide 2-digits by 1-digit – flexible partitioning	Number- Multiplication and division	• 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.
		Lesson 10 – Divide 2-digits by 1-digit with remainders	Number- Multiplication and division	• 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.
3		Lesson 11 – How many ways?	Number- Multiplication and division	• 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.
		Lesson 12 – Problem solving – mixed problems (1)	Number- Multiplication and division	• 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.
		Lesson 13 – Problem solving – mixed problems (2)	Number- Multiplication and division	• 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.
	End of Unit Check			
	Unit 7 – Length and perimeter	Lesson 1 - Measure in m and cm	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
4		Lesson 2 – Measure in cm and mm	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
		Lesson 3 – Metres, centimetres, and millimetres	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
		Lesson 4 – Equivalent length (m and cm)	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
		Lesson 5 – Equivalent lengths (mm and cm)	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
		Lesson 6 – Compare lengths	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
5		Lesson 7 – Add lengths	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
		Lesson 8 – Subtract lengths	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).

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		Lesson 9 – Measure perimeter	Measurement	• Measure the perimeter of simple 2D shapes.
		Lesson 10 – calculate perimeter	Measurement	• Measure the perimeter of simple 2D shapes.
		Lesson 11-Problem solving - length	Measurement	• Measure the perimeter of simple 2D shapes.
6	**End of Unit Check**			
	Unit 8 – Fractions (1)	Lesson 1 – Understand the denominator of unit fractions	Number - Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
		Lesson 2 – Compare and order unit fractions	Number – Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
		Lesson 3 – Understand the numerator of non-unit fractions	Number – Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
		Lesson 4 – Understand the whole	Number - Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
7		Lesson 5 – Compare and order non-unit fractions	Number – Fractions	• Compare and order unit fractions, and fractions with the same denominators.
		Lesson 6 – Divisions on a number line	Number – Fractions	• Compare and order unit fractions, and fractions with the same denominators.
		Lesson 7 – Count in fractions on a number line	Number - Fractions	• Compare and order unit fractions, and fractions with the same denominators.
		Lesson 8 – Equivalent fractions as bar models	Number – Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
		Lesson 9 – Equivalent fractions on a number line	Number – Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
8		Lesson 10 – Equivalent fractions	Number – Fractions	• Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.
	End of Unit Check			

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	Unit 9 – Mass	Lesson 1 – Use scales	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 2 - Measure mass	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 3 – Measure mass in kilograms and grams	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
9		Lesson 4 – Equivalent masses (kg and g)	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 5 – Compare mass	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 6 – Add and subtract mass	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 7 – Problem solving - mass	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
	End of Unit Check			
10	***Unit 10 – Capacity***	Lesson 1 – Measure capacity and volume in millilitres	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 2 -Compare capacity and volume	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 3 – Equivalent capacities and volumes (litres and ml)	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 4 – Compare capacity and volume	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		Lesson 5 – Add and subtract capacity and volume	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
11		Lesson 6 – Problem solving capacity	Measurement	• Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
	End of Unit Check			

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	Unit 11 – Fractions (2)	Lesson 1 – Add fractions	Number – Fractions	• Add and subtract fractions with the same denominator within one whole
		Lesson 2 – Subtract fractions	Number - Fractions	• Add and subtract fractions with the same denominator within one whole
		Lesson 3 – Partitioning the whole	Number – Fractions	• Add and subtract fractions with the same denominator within one whole
12		Lesson 4 – Problem solving-adding and subtracting fractions	Number – Fractions	• Solve problems that involve all of the above.
		Lesson 5 – Unit fractions of a set of objects	Number - Fractions	• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
		Lesson 6 – Non – unit fractions of a set of objects	Number – Fractions	• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
		Lesson 7 – Reasoning with fractions of an amount	Number – Fractions	• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
		Lesson 8 – Problem solving – fractions of measures	Number – Fractions	• Solve problems that involve all of the above.
1	**End of Unit Check**			
	Unit 12 – Money	Lesson 1 – Pounds and pence	Measurement	• Add and subtract amounts of money to give change, using both £ and p in practical contexts.
		Lesson 2 – Convert pounds and pence	Measurement	• Add and subtract amounts of money to give change, using both £ and p in practical contexts.
		Lesson 3 – Add money	Measurement	• Add and subtract amounts of money to give change, using both £ and p in practical contexts.
		Lesson 4 – Subtract money	Measurement	• Add and subtract amounts of money to give change, using both £ and p in practical contexts.
2		Lesson 5 - Find change	Measurement	• Add and subtract amounts of money to give change, using both £ and p in practical contexts.
	End of Unit Check			

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	Unit 13 – Time	Lesson 1 – Roman numerals to 12	Measurement	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
		Lesson 2 – Tell the time to 5 minutes	Measurement	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
		Lesson 3 – Tell the time to the minute	Measurement	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.
3		Lesson 4 – Convert past and to the hour	Measurement	• 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.
		Lesson 5 – Using am and pm	Measurement	• 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.
		Lesson 6 – Years, months, and days	Measurement	• Know the number of seconds in a minute and the number of days in each month, year and leap year.
		Lesson 7 – Days and hours	Measurement	• 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.
		Lesson 8 – Hours and minutes - start and end times	Measurement	• 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.
4		Lesson 9 – Hours and minutes - durations	Measurement	• Compare durations of events (for example to calculate the time taken by particular events or tasks).
		Lesson 10 – Hours and minutes – compare durations	Measurement	• 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.
		Lesson 11 – Minutes and seconds	Measurement	• 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.
		Lesson 12 – Solve problems with time	Measurement	• 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.
	End of Unit Check			

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5	***Unit 14 – Angles and properties of shapes***	Lesson 1 – Turns and angles	Geometry – Properties of shapes	• Recognise angles as a property of shape or a description of a turn.
		Lesson 2 – Right angles in shapes	Geometry – Properties of shapes	• Recognise angles as a property of shape or a description of a turn.
		Lesson 3 – Compare angles	Geometry – Properties of shapes	• 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.
		Lesson 4 – Measure and draw accurately	Geometry – Properties of shapes	• Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them.
		Lesson 5 – Horizontal and vertical	Geometry – Properties of shapes	• Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
6		Lesson 6 – Parallel and perpendicular	Geometry – Properties of shapes	• Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
		Lesson 7 – Recognise and describe 2D shapes	Geometry – Properties of shapes	• Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them.
		Lesson 8 – Recognise and describe 3D shapes	Geometry – Properties of shapes	• Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them.
		Lesson 9 – Make 3D shapes	Geometry – Properties of shapes	• Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them.
	End of Unit Check			
7	***Unit 15 – Statistics***	Lesson 1- Interpret pictograms (1)	Statistics	• Interpret and present data using bar charts, pictograms and tables.
		Lesson 2 – Interpret pictograms (2)	Statistics	• Interpret and present data using bar charts, pictograms and tables.
		Lesson 3 – Draw pictograms	Statistics	• Interpret and present data using bar charts, pictograms and tables.

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		Lesson 4 – Interpret bar charts	Statistics	• Interpret and present data using bar charts, pictograms and tables.
		Lesson 5 – Draw bar charts	Statistics	• Interpret and present data using bar charts, pictograms and tables.
8		Lesson 6 – Collect and represent data	Statistics	• Interpret and present data using bar charts, pictograms and tables.
		Lesson 7- Simple two-way tables	Statistics	• Interpret and present data using bar charts, pictograms and tables.
	End of Unit Check			
	RTP	3NPV - 1	Number – number and place value	• Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10.
	RTP	3NPV – 2	Number – number and place value	• Recognise the place value of each digit in *three*-digit numbers, and compose and decompose *three*-digit numbers using standard and non-standard partitioning.
9	**RTP**	3NPV – 3	Number – number and place value	• Reason about the location of any *three*-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10.
	RTP	3NPV – 4	Number – number and place value	• Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.
	RTP	3NF – 1	Number – number and fluency	• Secure fluency in addition and subtraction facts that bridge 10, through continued practice.
	RTP	3NF – 2	Number – number and fluency	• Recall multiplication facts, and corresponding division facts, in the 10, 5, 2, 4 and 8 multiplication tables, and recognise products in these multiplication tables as multiples of the corresponding number.
	RTP	3NF - 3	Number – number and fluency	• Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10).
10	**RTP**	3AS – 1	Number – addition and subtraction	• Calculate complements to 100.
	RTP	3AS - 2	Number – addition and subtraction	• Add and subtract up to three-digit numbers using columnar methods.
	RTP	3AS – 3	Number – addition and subtraction	• Manipulate the additive relationship: • Understand the inverse relationship between addition and subtraction, and how both relate to the part–part–whole structure.

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				• Understand and use the commutative property of addition, and understand the related property for subtraction.
	RTP	3MD – 1	Number – multiplication and division	• Apply known multiplication and division facts to solve contextual problems with different structures, including quotitive and partitive division.
	RTP	3F – 1	Number – fractions	• Interpret and write proper fractions to represent 1 or several parts of a whole that is divided into equal parts.
11	**RTP**	3F – 2	Number – fractions	• Find unit fractions of quantities using known division facts (multiplication tables fluency).
	RTP	3F – 3	Number – fractions	• Reason about the location of any fraction within 1 in the linear number system.
	RTP	3F – 4	Number – fractions	• Add and subtract fractions with the same denominator, within 1.
	RTP	3G – 1	Geometry	• Recognise right angles as a property of shape or a description of a turn, and identify right angles in 2D shapes presented in different orientations.
	RTP	3G – 2	Geometry	• Draw polygons by joining marked points, and identify parallel and perpendicular sides.
12	**Consolidation**			
	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			