Assessment Map
Autumn Term

Assessment maps outline the content covered in every test. For each strand, the darker tints denote material from the test year's curriculum, while paler tints denote prior learning.

Strand	Content Domain	Year 1 Autumn	Marks
Number	**ELGN**	Count reliably with numbers from 1 to 20	3
	1N2b	Given a number, identify one more and one less	3
	1N2c	Read and write numbers from 1 to 20 in numerals and words	1
Operations	**ELGN**	Using quantities and objects, they add and subtract two one-digit numbers and count on or back to find the answer	1
	1C1	Represent and use number bonds and related subtraction facts within 20 [this test only up to 10]	3
	1C2a	Add and subtract one-digit and two-digit numbers to 20, including zero [this test only up to 10]	3
	1C4	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = [ ] – 9	4
Measures	**ELGSSM**	Use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems	2
	1M4c	Recognise and use language relating to dates, including days of the week, weeks, months and years	1
Geometry	**ELGSSM**	Use everyday language to talk about position to compare objects	2
	ELGSSM	Use mathematical language to describe shapes	1
	1G1a	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles]	5
	1G1b	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]	1

Strand	Content Domain	Year 2 Autumn	Marks
Number	**1N1b**	Count in multiples of twos, fives and tens	3
	1N2a	Count, read and write numbers to 100 in numerals	2
	2N1	Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward or backward	1
	2N2b	Compare and order numbers from 0 up to 100; use <, > and = signs	1
	2N3	Recognise the place value of each digit in a two-digit number (tens and ones)	4

Operations	**1C1**	Represent and use number bonds and related subtraction facts within 20	2
	1C2a	Add and subtract one-digit and two-digit numbers to 20, including zero	3
	2C4	Solve problems with addition and subtraction: • applying their increasing knowledge of mental and written methods	2
	2C6	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	2
Fractions	**1F1a**	Recognise, find and name a half as one of two equal parts of an object, shape or quantity	1
	2F1a	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	1
Measures	**1M1**	Compare, describe and solve practical problems for: • lengths and heights [e.g. long/short, longer/shorter,tall/short, double/half]	1
	1M2	Measure and begin to record the following: • lengths and heights	1
Geometry	**1G1a**	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles]	1
	1G1b	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]	1
Statistics	**2S1**	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	2
	2S2a	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	1
	2S2b	Ask and answer questions about totalling and comparing categorical data	1

Strand	Content Domain	Year 3 Autumn	Marks
Number	**2N1**	Count in steps of 2, 3 and 5, from 0, and in tens from any number, forward or backward	2
	3N1b	Count from 0 in multiples of 4, 8, 50 and 100	1
	3N2a	Compare and order numbers up to 1000	1
	3N2b	Find 10 or 100 more or less than a given number	1
	3N3	Recognise the place value of each digit in a three-digit number (hundreds, tens and ones)	1
	3N4	Identify, represent and estimate numbers using different representations	1
	3N6	Solve number problems and practical problems involving 3N1–3N5	2

Operations	**2C1**	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	1
	2C2a	Add and subtract numbers mentally, including: • a two-digit number and ones • a two-digit number and tens • two two-digit numbers • adding three one-digit numbers	2
	2C3	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems	1
	2C4	Solve problems with addition and subtraction: • using concrete objects and pictorial representations, including those involving numbers, quantities and measures • applying their increasing knowledge of mental and written methods	3
	2C6	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	1
	2C8	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts	2
	2C9a	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	1
	3C1	Add and subtract numbers mentally, including: • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds	3
	3C2	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	1
	3C6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	3
	3C8	Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems	1
Fractions	**1F1b**	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	1
	2F1a	Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	3
Measures	**2M2**	Choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels	1
	2M2	Choose and use appropriate standard units to estimate and measure length/ height in any direction (m/cm)	1
	2M3a	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	2
	3M9a	Add and subtract amounts of money to give change, using both pounds (£) and pence (p) in practical contexts	2
Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	2
	2G2b	Identify and describe the properties of 3-D shapes, including the number of vertices and faces	1
	2P2	Use mathematical vocabulary to describe movement, distinguishing between rotation as a turn and in terms of right angles for quarter turns (clockwise and anti-clockwise)	1

Statistics	**3S1**	Interpret and present data using bar charts, pictograms and tables	2
	3S2	Solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts, pictograms and tables	1

Strand	Content Domain	Year 4 Autumn	Marks
Number	**2N6**	Use place values and number facts to solve problems	1
	3N3	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	1
	3N4	Identify, represent and estimate numbers using different representations	3
	4N1	Count in multiples of 6, 7, 9, 25 and 1000	1
	4N2a	Order and compare numbers beyond 1000	1
	4N3a	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)	3
	4N4a	Identify, represent and estimate numbers using different representations	1
	4N4b	Round any number to the nearest 10, 100 or 1000	2
	4N6	Solve number and practical problems that involve 4N1–4N5 and with increasingly large positive numbers	1
Operations	**2C2a**	Add and subtract numbers mentally, including: • adding three one-digit numbers	2
	2C4	solve problems with addition and subtraction: • using concrete objects and pictorial representations, including those involving numbers, quantities and measures • applying their increasing knowledge of mental and written methods	1
	3C4	Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction	2
	3C8	Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects	2
	4C2	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	2
	4C3	Estimate and use inverse operations to check answers to a calculation	1
	4C4	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	2
	4C6c	Recognise and use factor pairs and commutativity in mental calculations	1
	4C7	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	1
	4C8	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	3

Fractions	**3F1b**	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	1
	3F1c	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	1
	3F2	Recognise and show, using diagrams, equivalent fractions with small denominators	2
Measures	**2M3a**	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	1
	3M2a	Measure lengths (m/cm/mm)	1
	4M9	Calculate different measures, including money in pounds and pence	2
Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	1
	3G4b	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	2
Statistics	**3S1**	Interpret and present data using bar charts, pictograms and tables	2
	3S2	Solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presentedin scaled bar charts, pictograms and tables	1

Strand	Content Domain	Year 5 Autumn	Marks
Number	**3N1b**	Count from 0 in multiples of 4, 8, 50 and 100	1
	3N2a	Compare and order numbers up to 1000	2
	3N4	Identify, represent and estimate numbers using different representations	1
	3N6	Solve number problems and practical problems involving 3N1–3N5	2
	4N1	Count in multiples of 6, 7, 9, 25 and 1000	1
	4N4a	Identify, represent and estimate numbers using different representations	1
	4N5	Count backwards through zero to include negative numbers	1

Operations	**2C2**	Add and subtract numbers using concrete objects and pictorial representations, including: • two two-digit numbers	1
	3C4	Solve problems including missing number problems, using number facts, place value and more complex addition and subtraction	2
	4C4	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	1
	4C6a	Recall multiplication and division facts for multiplication tables up to 12 × 12	4
	4C7	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	1
	4C8	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	1
	5C5a	Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers	2
	5C5d	Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	1
	5C6a	Multiply and divide numbers mentally drawing upon known facts	1
	5C8b	Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign	5
Fractions	**3F2**	Recognise and show, using diagrams, equivalent fractions with small denominators	1
	4F2	Recognise and show, using diagrams, families of common equivalent fractions	1
	4F4	Add and subtract fractions with the same denominator	2
	4F10b	Solve simple measure and money problems involving fractions and decimals to two decimal places	1
	5F2a	Recognise mixed numbers and improper fractions and convert from one form to the other; write mathematical statements >1 as a mixed number [e.g. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	1
Measures	**3M4f**	Compare durations of events [e.g. to calculate the time taken by particular events or tasks]	1
	4M5	Convert between different units of measurement [e.g. kilometre to metre; hour to minute]	1
	4M9	Calculate different measures, including money in pounds and pence	3
	5M7b	Calculate and compare the area of rectangles (including squares) and estimate the area of irregular shapes	3
	5M9b	Use all four operations to solve problems involving measure [e.g. length] using decimal notation, including scaling	1

Geometry	**3G3b**	Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	1
	3G4b	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	1
	4G2a	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	1
	5G3b	Identify 3-D shapes, including cubes and other cuboids, from 2-D representations	2
Statistics	**3S2**	Solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts, pictograms and tables	2
	4S2	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	1
	5S1	Complete, read and interpret information in tables, including timetables	4

Strand	Content Domain	Year 6 Autumn	Marks
Number	**3N1b**	Count from 0 in multiples of 4, 8, 50 and 100	1
	4N6	Solve number and practical problems that involve 4N1–4N5 and with increasingly large positive numbers	1
	5N3a	Determine the value of each digit in numbers up to 1,000,000	2
	5N6	Solve number problems and practical problems that involve 5N1–5N5	3
	6N6	Solve number problems and practical problems that involve 6N2–6N5	2
Operations	**3C2**	Add and subtract whole numbers with up to 3 digits, using formal written methods of columnar addition and subtraction	1
	4C2	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	3
	4C3	Estimate and use inverse operations to check answers to a calculation	2
	4C6a	Recall multiplication and division facts for multiplication tables up to 12 × 12	3
	5C2	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)	1
	5C5a	Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers	1
	5C5b	Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	1
	5C6a	Multiply and divide numbers mentally drawing upon known facts	1
	5C7b	Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context	1
	6C4	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	1

Operations (continued)	**6C5**	Identify common factors, common multiples and prime numbers	1
	6C7a	Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	1
	6C7c	Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	2
	6C8	Solve problems involving addition, subtraction, multiplication and division	3
Fractions	**3F1b**	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	1
	3F3	Compare and order unit fractions and fractions with the same denominators	1
	4F2	Recognise and show, using diagrams, families of common equivalent fractions	2
	6R1	Solve problems involving the relative sizes of two quantities, where missing values can be found by using integer multiplication and division facts	2
	6R4	Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	1
	6F2	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination	1
	6F3	Compare and order fractions, including fractions >1	1
	6F4	Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	2
	6F11	Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts	1
Measures	**4M2**	Estimate different measures, including money in pounds and pence	1
	4M9	Calculate different measures, including money in pounds and pence	1
	5M4	Solve problems involving converting between units of time	1
	5M5	Convert between different units of metric measure [e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre]	1
	6M5	Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation of up to three decimal places	1
Geometry	**3G4b**	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 lessthan a right angle	1
	6G2b	Describe simple 3-D shapes	2
Statistics	**5S2**	Solve comparison, sum and difference problems using information presented in a line graph	4

Assessment Map
Spring Term

Assessment maps outline the content covered in every test. For each strand, the darker tints denote material from the test year's curriculum, while paler tints denote prior learning.

Strand	Content domain	Year 1 Spring	Marks
Number	**1N1a**	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	2
	1N1b	Count in multiples of twos, fives and tens	7
	1N2a	Count, read and write numbers to 100 in numerals	3
Operations	**1C1**	Represent and use number bonds and related subtraction facts within 20	2
	1C2a	Add and subtract one-digit and two-digit numbers to 20, including zero	3
	1C2b	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs	1
	1C4	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = [ ] – 9	3
Fractions	**1F1a**	Recognise, find and name a half as one of two equal parts of an object, shape or quantity	2
Measures	**ELGSSM**	Use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems	2
	1M1	Compare, describe and solve practical problems for: • capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]	1
	1M2	Measure and begin to record the following: • lengths and heights	1
	1M4c	Recognise and use language relating to dates, including days of the week, weeks, months and years	1
Geometry	**1G1a**	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles]	1
	1G1b	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]	1

Strand	Content domain	Year 2 Spring	Marks
Number	**2N2b**	Compare and order numbers from 0 up to 100; use <, > and = signs	4
	2N6	Use place value and number facts to solve problems	2

Operations	**1C2a**	Add and subtract one-digit and two-digit numbers to 20, including zero	1
	2C1	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	1
	2C2a	Add and subtract numbers using pictorial representations and mentally, including: • adding three one-digit numbers	2
	2C3	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems	1
	2C4	Solve problems with addition and subtraction: • using concrete objects and pictorial representations, including those involving numbers, quantities and measures • applying their increasing knowledge of mental and written methods	1
	2C6	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	3
Fractions	**2F1a**	Recognise, find, name and write fractions, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	3
	2F2	Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	1
Measures	**2M3a**	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	2
	2M3b	Find different combinations of coins that equal the same amounts of money	1
	2M9	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	1
Geometry	**1G1b**	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]	1
	2G2a	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	3
	2G3	Identify 2-D shapes on the surface of 3-D shapes, [e.g. a circle on a cylinder and a triangle on a pyramid]	1
Statistics	**2S2b**	Ask and answer questions about totalling and comparing categorical data	2

Strand	Content domain	Year 3 Spring	Marks
Number	**2N3**	Recognise the place value of each digit in a two-digit number (tens, ones)	1
	2N6	Use place value and number facts to solve problems	2
	3N1b	Count from 0 in multiples of 4, 8, 50 and 100	1
	3N2a	Read and write numbers to 1,000 in numerals and in words	2
	3N3	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	1

Operations	**2C4**	Solve problems with addition and subtraction: • using concrete objects and pictorial representations, including those involving numbers, quantities and measures • applying their increasing knowledge of mental and written methods	1
	2C8	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	2
	3C2	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	2
	3C3	Estimate the answer to a calculation and use inverse operations to check answers	1
	3C6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	2
	3C7	Write and calculate mathematical statements for multiplication and division using the multiplication tables that pupils know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	2
	3C8	Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects	4
Fractions	**2F1a**	Recognise, find, name and write fractions, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	1
	3F1a	Count up and down in tenths	2
	3F1b	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	3
	3F2	Recognise and show, using diagrams, equivalent fractions with small denominators	2
	3F3	Compare and order unit fractions and fractions with the same denominators	1
	3F4	Add and subtract fractions with the same denominator within one whole [e.g. $\frac{5}{7} + \frac{6}{7} = \frac{11}{7}$]	1
	3F10	Solve problems that involve 3F1–3F4	1
Measures	**2M3a**	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	1
	2M4b	Compare and sequence intervals of time	1
	2M9	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	1
	3M4f	Compare durations of events, [e.g. to calculate the time taken by particular events or tasks]	1
	3M7	Measure the perimeter of simple 2-D shapes	3
	3M9a	Add and subtract amounts of money to give change, using both pounds (£) and pence (p) in practical contexts	1
Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	2

Statistics	**3S1**	Interpret and present data using bar charts, pictograms and tables	2
	3S2	Solve one-step and two step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts, pictograms and tables	1

Strand	Content domain	Year 4 Spring	Marks
Number	**4N1**	Count in multiples of 6, 7, 9, 25 and 1,000	3
	4N4b	Round any number to the nearest 10, 100 or 1,000	2
Operations	**3C2**	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	1
	3C4	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	1
	3C6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	2
	4C6a	Recall multiplication and division facts for multiplication tables up to 12 × 12	2
	4C6b	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	4
	4C6c	Recognise and use factor pairs and commutativity in mental calculations	2
	4C7	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	2
Fractions	**3F1b**	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	1
	3F1c	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	1
	4F1	Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten	1
	4F2	Recognise and show, using diagrams, families of common equivalent fractions	3
	4F6a	Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$	
	4F6b	Recognise and write decimal equivalents of any number of tenths or hundredths	5
	4F9	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	1
Measures	**3M4f**	Compare durations of events [e.g. to calculate the time taken by particular events or tasks]	1
	4M5	Convert between different units of measurement [e.g. kilometre to metre; hour to minute]	1
	4M7a	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	3
	4M7b	Find the area of rectilinear shapes by counting squares	1
	4M9	Calculate different measures, including money in pounds and pence	2

Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	1
	4G2c	Complete a simple symmetric figure with respect to a specific line of symmetry	1
Number	**4N1**	Count in multiples of 6, 7, 9, 25 and 1,000	3
	4N4b	Round any number to the nearest 10, 100 or 1,000	2
Operations	**3C2**	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	1
	3C4	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	1
	3C6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	2
	4C6a	Recall multiplication and division facts for multiplication tables up to 12 × 12	2
	4C6b	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	4
	4C6c	Recognise and use factor pairs and commutativity in mental calculations	2
	4C7	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout	2
Fractions	**3F1b**	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	1
	3F1c	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	1
	4F1	Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten	1
	4F2	Recognise and show, using diagrams, families of common equivalent fractions	3
	4F6a	Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$	1
	4F6b	Recognise and write decimal equivalents of any number of tenths or hundredths	5
	4F9	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	1
Measures	**3M4f**	Compare durations of events [e.g. to calculate the time taken by particular events or tasks]	1
	4M5	Convert between different units of measurement [e.g. kilometre to metre; hour to minute]	1
	4M7a	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	3
	4M7b	Find the area of rectilinear shapes by counting squares	1
	4M9	Calculate different measures, including money in pounds and pence	2
Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	1
	4G2c	Complete a simple symmetric figure with respect to a specific line of symmetry	1

Statistics	**3S1**	Interpret and present data using bar charts, pictograms and tables	1
	3S2	Solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts, pictograms and tables	1
	4S2	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	1

Strand	Content domain	Year 5 Spring	Marks
Number	**4N4a**	Identify, represent and estimate numbers using different representations	1
	5N1	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000	2
	5N2	Read, write, order and compare numbers to at least 1,000,000	3
	5N5	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	1
	5N6	Solve number problems and practical problems that involve 5N1–5N5	3
Operations	**4C3**	Estimate and use inverse operations to check answers to a calculation	2
	4C4	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	2
	5C4	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	1
	5C5c	Establish whether a number up to 100 is prime	1
	5C5d	Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	1
	5C6b	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000	4
	5C7a	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers	1
	5C7b	Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context	3

Fractions	**4F4**	Add and subtract fractions with the same denominator	1
	4F6b	Recognise and write decimal equivalents of any number of tenths or hundredths	1
	5F2a	Recognise mixed numbers and improper fractions and convert from one form to the other; write mathematical statements >1 [e.g. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	2
	5F2b	Identify name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths	1
	5F3	Compare and order fractions whose denominators are all multiples of the same number	2
	5F4	Add and subtract fractions with the same denominators and denominators that are multiples of the same number	1
	5F5	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	2
	5F6a	Read and write decimal numbers as fractions [e.g. 0.71 = $\frac{71}{100}$]	2
	5F6b	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	1
	5F8	Read, write, order and compare numbers with up to three decimal places	1
	5F10	Solve problems involving numbers up to three decimal places	2
	5F12	Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}, \frac{3}{4}, \frac{1}{5}, \frac{2}{5}, \frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25	2
Measures	**4M9**	Calculate different measures, including money in pounds and pence	1
	5M4	Solve problems involving converting between units of time	1
	5M7b	Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2)	1
	5M9b	Use all four operations to solve problems involving measure [e.g. length] using decimal notation, including scaling	1
Geometry	**4G2a**	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	2
	5G4b	Identify angles at a point on a straight line and half a turn (total 180°)	1
	5P2	Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed	1
Statistics	**5S2**	Solve comparison, sum and difference problems using information presented in a line graph	4

Strand	Content domain	Year 6 Spring	Marks
Number	**5N6**	Solve number problems and practical problems that involve 5N1–5N5	3
	6N5	Use negative numbers in context, and calculate intervals across zero	2
	6N6	Solve number problems and practical problems that involve 6N2–6N5	1
Operations	**4C6a**	Recall multiplication and division facts for multiplication tables up to 12 × 12	2
	5C5a	Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers	1
	5C6a	Multiply and divide numbers mentally, drawing upon known facts	2
	5C6b	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000	2
	5C7a	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers	1
	6A1	Express missing number problems algebraically	1
	6A2	Use simple formulae	2
	6A3	Generate and describe linear number sequences	5
	6C6	Perform mental calculations, including with mixed operations and large numbers	1
	6C7a	Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	2
	6C8	Solve problems involving addition, subtraction, multiplication and division	1
	6C9	Use their knowledge of the order of operations to carry out calculations involving the four operations	1
Fractions	**5F4**	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	2
	5F7	Round decimals with two decimal places to the nearest whole number and to one decimal place	1
	5F10	Solve problems involving numbers up to three decimal places	2
	5F12	Solve problems that require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25	3
	6F6	Associate a fraction with division to calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction [e.g. $\frac{3}{8}$]	2
	6F11	Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts	1
	6R2	Solve problems involving the calculation of percentages [e.g. of measures such as 15 % of 360] and the use of percentages for comparison	1
	6R4	Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	1

Measures	**5M7a/b**	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres **and** Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes	1
	5M7a	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	1
	6M6	Convert between miles and kilometres	1
	6M7a	Recognise that shapes with the same areas can have different perimeters and vice versa	2
	6M7b	Calculate the area of parallelograms and triangles	2
	6M8a	Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm^3) and cubic metres (m^3), and extending to other units [e.g. mm^3 and km^3]	1
Geometry	**4P3b**	Plot specified points and draw sides to complete a given polygon	1
	5G2a	Use the properties of rectangles to deduce related facts and find missing lengths and angles	1
	6G2b	Describe simple 3-D shapes	1
	6P3	Describe positions on the full co-ordinate grid (all four quadrants)	1
Statistics	**4S1**	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	3

Assessment Map
Summer Term

Assessment maps outline the content covered in every test. For each strand, the darker tints denote material from the test year's curriculum, while paler tints denote prior learning.

Strand	NC Content Domain	Year R Summer (precursor to National Curriculum domains and informed by Early learning Goals)	Marks
Number	**N2a**	Count, read and write numbers to 20	3
	N2b	Order and compare numbers to 20	3
	N4	Identify and represent numbers to 10	3
Operations	**C1**	Add / subtract mentally to 10	1
	C2a	Add / subtract to 10 using written methods	1
	C4	Add / subtract to 20 to solve problems	6
	C8	Solve problems based on the two operations and knowledge of the commutative facts	3
Measures	**M1**	Compare, describe and order measures	2
	M3	Money (coins)	2
	M4b	Telling and ordering time	1
Geometry	**G1**	Recognise and name common shapes	2
	G2b	Describe properties and classify shapes	1
	P1	Patterns	2

Strand	Content Domain	Year 1 Summer	Marks
Number	**1N1b**	Count in multiples of twos, fives and tens	1
	1N2a	Count, read and write numbers to 100 in numerals	2
	1N4	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	2
Operations	**1C4**	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = [ ] – 9	2
	1C8	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher	4
Fractions	**1F1a**	Recognise, find and name a half as one of two equal parts of an object, shape or quantity	3
	1F1b	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	5

Measures	**1M2**	Measure and begin to record the following: • lengths and heights • mass/weight • capacity and volume • time (hours, minutes, seconds)	2
	1M3	Recognise and know the value of different denominations of coins and notes	2
	1M4a	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times	3
	1M4c	Recognise and use language relating to dates, including days of the week, weeks, months and years	1
Geometry	**1G1b**	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]	1
	1P2	Describe position, directions and movement, including half, quarter and three-quarter turns	2

Strand	Content Domain	Year 2 Summer	Marks
Number	**2N2a**	Read and write numbers to at least 100 in numerals and in words	2
	2N2b	Compare and order numbers from 0 up to 100; use <, > and = signs	1
	2N4	Identify, represent and estimate numbers using different representations, including the number line	1
	2N6	Use place value and number facts to solve problems	2
Operations	**1C8**	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher	1
	2C4	Solve problems with addition and subtraction: • applying their increasing knowledge of mental and written methods	2
	2C6	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	3
	2C8	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	3
	2C9a	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	1
	2C9b	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	1
Fractions	**2F1a**	Recognise, find, name and write fractions $\frac{2}{4}$, $\frac{2}{4}$, $\frac{2}{4}$ and $\frac{1}{2}$ of a length, shape, set of objects or quantity	2
	2F1b	Write simple fractions [e.g. $\frac{1}{2}$ of 6 = 3]	2

Measures	**2M1**	Compare and order lengths, mass, volume/capacity and record the results using >, < and =	1
	2M2	Choose and use appropriate standard units to estimate and measure mass (kg/g) and temperature (°C) to the nearest appropriate unit using scales/thermometers	2
	2M3a	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value	1
	2M4a	Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times	2
	2M4b	Compare and sequence intervals of time	2
	2M9	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	1
Geometry	**2G2b**	Identify and describe the properties of 3-D shapes including the number of edges, vertices and faces	2
	2P1	Order and arrange combinations of mathematical objects in patterns and sequences	1
	2P2	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)	2

Strand	Content Domain	Year 3 Summer	Marks
Number	**3N1b**	Count from 0 in multiples of 4, 8, 50 and 100	2
	3N2a	Read and write numbers to 1,000 in numerals and in words	2
	3N3	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	2
	3N4	Identify, represent and estimate numbers using different representations	1
Operations	**3C2**	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	1
	3C3	Estimate the answer to a calculation and use inverse operations to check answers	2
	3C4	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	1
	3C6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	3
	3C7	Write and calculate mathematical statements for multiplication and division using the multiplication tables that pupils know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods	1
	3C8	Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which *n* objects are connected to *m* objects	1
Fractions	**3F1a**	Count up and down in tenths	1
	3F1b	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	2
	3F1c	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	4
	3F3	Compare and order unit fractions and fractions with the same denominators	1
	3F10	Solve problems that involve 3F1–3F4	2

Measures	**3M1a**	Compare lengths (m/cm/mm)	1
	3M2b	Measure mass (kg/g)	1
	3M4a	Tell and write the time from an analogue clock; 12-hour clocks	2
	3M4b	Tell and write the time from an analogue clock; 24-hour clocks	1
	3M4e	Know the number of seconds in a minute and the number of days in each month, year and leap year	1
	3M9b	Add and subtract lengths (m/cm/mm)	1
Geometry	**3G2**	Identify horizontal, vertical lines and pairs of perpendicular and parallel lines	1
	3G3a	Draw 2-D shapes	1
	3G3b	Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	1
	3G4b	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	6
Statistics	**3S1**	Interpret and present data using bar charts, pictograms and tables	1
	3S2	Solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts, pictograms and tables	2

Strand	Content Domain	Year 4 Summer	Marks
Number	**4N2a**	Order and compare numbers beyond 1,000	3
	4N2b	Find 1,000 more or less than a given number	1
	4N3b	Read Roman numerals to 100 (I to C)	1
	4N4b	Round any number to the nearest 10, 100 or 1,000	1
	4N5	Count backwards through zero to include negative numbers	3
	4N6	Solve number and practical problems that involve 4N1–4N5 and with increasingly large positive numbers	1
Operations	**4C6b**	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	1
	4C8	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	3
Fractions	**3F1b**	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators	1
	4F4	Add and subtract fractions with the same denominator	1
	4F7	Round decimals with one decimal place to the nearest whole number	2
	4F8	Compare numbers with the same number of decimal places up to two decimal places	1
	4F10b	Solve simple measure and money problems involving fractions and decimals to two decimal places	2

Measures	**4M4a**	Read, write and convert time between analogue and digital 12-hour clocks	1
	4M4b	Read, write and convert time between analogue and digital 24-hour clocks	2
	4M4c	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days	2
	4M5	Convert between different units of measurement [e.g. kilometre to metre; hour to minute]	2
	4M9	Calculate different measures, including money in pounds and pence	3
Geometry	**2G2a**	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	1
	3G4b	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	1
	4G2a	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	4
	4G2b	Identify lines of symmetry in 2-D shapes presented in different orientations	1
	4P2	Describe movements between positions as translations of a given unit to the left/ right and up/down	1
	4P3a	Describe positions on a 2-D grid as co-ordinates in the first quadrant	3
Statistics	**4S1**	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	2
	4S2	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	1

Strand	Content Domain	Year 5 Summer	Marks
Number	**4N4b**	Round any number to the nearest 10, 100 or 1,000	2
	5N1	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000	1
	5N3b	Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals	1
	5N6	Solve number problems and practical problems that involve 5N1–5N5	1

Operations	**4C4**	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why	1
	4C6a	Recall multiplication and division facts for multiplication tables up to 12 × 12	2
	5C1	Add and subtract numbers mentally with increasingly large numbers	1
	5C5a	Identify multiples and factors, including finding all factor pairs of a number and common factors of two numbers	1
	5C5b	Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	1
	5C5d	Recognise and use square numbers and cube numbers, and the notation for squared (^{2}) and cubed (^{3})	1
	5C7a	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers	4
	5C7b	Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context	1
	5C8a	Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	3
	5C8c	Solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates	2
Fractions	**5F3**	Compare and order fractions whose denominators are all multiples of the same number	1
	5F4	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	4
	5F5	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	1
	5F6a	Read and write decimal numbers as fractions [e.g. 0.71 = $^{71}/_{100}$]	1
	5F6b	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	1
	5F7	Round decimals with two decimal places to the nearest whole number and to one decimal place	2
	5F8	Read, write, order and compare numbers with up to three places of decimals	1
	5F10	Solve problems involving numbers up to three decimal places	1
	5F12	Solve problems that require knowing percentage and decimal equivalents of $^1/_2$, $^1/_4$, $^1/_5$, $^2/_5$, $^4/_5$ and those fractions with a denominator of a multiple of 10 or 25	2
Measures	**5M4**	Solve problems involving converting between units of time	1
	5M5	Convert between different units of metric measure [e.g. gram and kilogram]	2
	5M6	Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints	1
	5M7a	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	1
	5M7b	Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2)	2
	5M8	Estimate volume [e.g. using 1 cm^3 blocks to build cuboids (including cubes)]	1

Geometry	**4G4**	Identify acute and obtuse angles and compare and order angles up to two right angles by size	1
	5G2b	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles	2
	5G4a	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	3
	5G4b	Identify: • angles at a point and one whole turn (total 360°) • angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) • other multiples of 90°	1
	5P2	Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed	2
Statistics	**5S2**	Solve comparison, sum and difference problems using information presented in a line graph	2

Strand	Content Domain	Year 6 Summer	Marks
Number	**5N4**	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000	1
	6N5	Use negative numbers in context, and calculate intervals across zero	1
	6N6	Solve number problems and practical problems that involve 6N2–6N5	1
Operations	**5C2**	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)	1
	5C3	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy	1
	5C6a	Multiply and divide numbers mentally, drawing upon known facts	1
	6A1	Express missing number problems algebraically	1
	6A4	Find pairs of numbers that satisfy an equation with two unknowns	2
	6C3	Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy	1
	6C5	Identify common factors, common multiples and prime numbers	1
	6C6	Perform mental calculations, including with mixed operations and large numbers	1
	6C7b	Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	1
	6C9	Use their knowledge of the order of operations to carry out calculations involving the four operations	3

Fractions	**4F2**	Recognise and show, using diagrams, families of common equivalent fractions	1
	6F2	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination	1
	6F3	Compare and order fractions, including fractions >1	1
	6F4	Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	2
	6F5a	Multiply simple pairs of proper fractions, writing the answer in its simplest form [e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]	1
	6F5b	Divide proper fractions by whole numbers [e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$]	1
	6F9b	Multiply one-digit numbers with up to two decimal places by whole numbers	1
	6F9c	Use written division methods in cases where the answer has up to two decimal places	1
	6R2	Solve problems involving the calculation of percentages [e.g. of measures such as 15% of 360] and the use of percentages for comparison	2
	6R3	Solve problem involving similar shapes where the scale factor is known or can be found	3
	6R4	Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	1
Measures	**5M9b**	Use all four operations to solve problems involving measure [e.g. length] using decimal notation, including scaling	3
	6M6	Convert between miles and kilometres	1
	6M7a	Recognise that shapes with the same areas can have different perimeters and vice versa	1
	6M7b	Calculate the area of parallelograms and triangles	1
	6M9	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate	1
Geometry	**6G2b**	Describe simple 3-D shapes	2
	6G3b	Recognise and build simple 3-D shapes, including making nets	2
	6G4a	Find unknown angles in any triangles, quadrilaterals and regular polygons	2
	6G4b	Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles	2
	6G5	Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius	1
	6P2	Draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes	1
	6P3	Describe positions on the full co-ordinate grid (all four quadrants)	2
Statistics	**6S1**	Interpret and construct pie charts and line graphs and use these to solve problems	3
	6S3	Calculate and interpret the mean as an average	2