Year	Textbook	Strand	Unit	Unit title	Lesson number	New lesson title	NC objective 1
3	3A	Number – number and place value	1	Place value within 1,000	1	Represent and partition numbers to 100	Recognise the place value of each digit in a two-digit number (tens, ones) (Year 2)
3	3A	Number – number and place value	1	Place value within 1,000	2	Number line to 100	Compare and order numbers up to 1,000
3	3A	Number – number and place value	1	Place value within 1,000	3	100s	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
3	3A	Number – number and place value	1	Place value within 1,000	4	Represent numbers to 1,000	Identify, represent and estimate numbers using different representations
3	3A	Number – number and place value	1	Place value within 1,000	5	Partition numbers to 1,000	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s),
3	3A	Number – number and place value	1	Place value within 1,000	6	Partition numbers to 1,000 flexibly	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s),
3	3A	Number – number and place value	1	Place value within 1,000	7	100s, 10s and 1s	Recognise the place value of each digit in a three-digit number (100s, 10s, 1s)
3	3A	Number – number and place value	1	Place value within 1,000	8	Use a number line to 1,000	Identify, represent and estimate numbers using different representations

3	3A	Number – number and place value	1	Place value within 1,000	9	Estimate on a number line to 1,000	Identify, represent and estimate numbers using different representations
3	3A	Number – number and place value	1	Place value within 1,000	10	Find 1, 10 and 100 more or less	count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
3	3A	Number – number and place value	1	Place value within 1,000	11	Compare numbers to 1,000	compare and order numbers up to 1,000
3	3A	Number – number and place value	1	Place value within 1,000	12	Order numbers to 1,000	compare and order numbers up to 1,000
3	3A	Number – number and place value	1	Place value within 1,000	13	Count in 50s	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	1	Apply number bonds within 10	Recognise the place value of each digit in a two-digit number (10s, 1s) (Year 2)
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	2	Add/subtract 1s	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	3A	Number – addition and subtraction	2	Addition and subtraction (1)	3	Add/subtract 10s	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	3A	Number – addition and subtraction	2	Addition and subtraction (1)	4	Add/subtract 100s	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	3A	Number – addition and subtraction	2	Addition and subtraction (1)	5	Spot the pattern	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	6	Add 1s across 10	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	7	Add 10s across 100	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	8	Subtract 1s across 10	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	9	Subtract 10s across 100	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	2	Addition and subtraction (1)	10	Make connections	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	1	Add two numbers	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	2	Subtract two numbers	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	3	Add two numbers (across 10)	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	4	Add two numbers (across 100)	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	5	Subtract two numbers (across 10)	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	6	Subtract two numbers (across 100)	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	7	Add a 3-digit and a 2-digit number	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	8	Subtract a 2-digit number from a 3-digit number	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	9	Complements to 100	add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	10	Estimate answers	estimate the answer to a calculation and use inverse operations to check answers
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	11	Inverse operations	estimate the answer to a calculation and use inverse operations to check answers
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	12	Problem solving (1)	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
3	3A	Number – addition and subtraction	3	Addition and subtraction (2)	13	Problem solving (2)	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
3	3A	Number – multiplication and division	4	Multiplication and division (1)	1	Multiplication – equal groups	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	3A	Number – multiplication and division	4	Multiplication and division (1)	2	Use arrays	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	3A	Number – multiplication and division	4	Multiplication and division (1)	3	Multiples of 2	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	3A	Number – multiplication and division	4	Multiplication and division (1)	4	Multiples of 5 and 10	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	3A	Number – multiplication and division	4	Multiplication and division (1)	5	Share and group	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	3A	Number – multiplication and division	5	Multiplication and division (2)	1	Multiply by 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	2	Divide by 3	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	3	The 3 times-table	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

3	3A	Number – multiplication and division	5	Multiplication and division (2)	4	Multiply by 4	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	5	Divide by 4	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	6	The 4 times-table	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

3	3A	Number – multiplication and division	5	Multiplication and division (2)	7	Multiply by 8	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	8	Divide by 8	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	9	The 8 times-table	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
3	3A	Number – multiplication and division	5	Multiplication and division (2)	10	Problem solving – multiplication and division (1)	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

3	3A	Number – multiplication and division	5	Multiplication and division (2)	11	Problem solving – multiplication and division (2)	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
3	3A	Number – multiplication and division	5	Multiplication and division (2)	12	Understand divisibility (1)	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
3	3A	Number – multiplication and division	5	Multiplication and division (2)	13	Understand divisibility (2)	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

3	3B	Number – multiplication and division	6	Multiplication and division (3)	1	Multiples of 10	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	3B	Number – multiplication and division	6	Multiplication and division (3)	2	Related calculations	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	3B	Number – multiplication and division	6	Multiplication and division (3)	3	Reasoning about multiplication	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

3	3B	Number – multiplication and division	6	Multiplication and division (3)	4	Multiply 2-digits by 1-digit – no exchange	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	3B	Number – multiplication and division	6	Multiplication and division (3)	5	Multiply 2-digits by 1-digit – exchange	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	3B	Number – multiplication and division	6	Multiplication and division (3)	6	Expanded written method	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	3B	Number – multiplication and division	6	Multiplication and division (3)	7	Link 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
3	3B	Number – multiplication and division	6	Multiplication and division (3)	8	Divide 2-digits by 1-digit – no exchange	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	3B	Number – multiplication and division	6	Multiplication and division (3)	9	Divide 2-digits by 1-digit –flexible partitioning	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	3B	Number – multiplication and division	6	Multiplication and division (3)	10	Divide 2-digits by 1-digit with remainders	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	3B	Number – multiplication and division	6	Multiplication and division (3)	11	How many ways?	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
3	3B	Number – multiplication and division	6	Multiplication and division (3)	12	Problem solving – mixed problems (1)	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

3	3B	Number – multiplication and division	6	Multiplication and division (3)	13	Problem solving – mixed problems (2)	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
3	3B	Measurement	7	Length and perimeter	1	Measure in m and cm	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	2	Measure in cm and mm	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	3	Metres, centimetres and millimetres	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	4	Equivalent lengths (m and cm)	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	5	Equivalent lengths (mm and cm)	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

3	3B	Measurement	7	Length and perimeter	6	Compare lengths	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	7	Add lengths	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	8	Subtract lengths	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	7	Length and perimeter	9	Measure perimeter	measure the perimeter of simple 2D shapes
3	3B	Measurement	7	Length and perimeter	10	Calculate perimeter	measure the perimeter of simple 2D shapes
3	3B	Measurement	7	Length and perimeter	11	Problem solving – length	measure the perimeter of simple 2D shapes
3	3B	Number – fractions	8	Fractions (1)	1	Understand the denominator of unit fractions	recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

3	3B	Number – fractions	8	Fractions (1)	2	Compare and order unit fractions	recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
3	3B	Number – fractions	8	Fractions (1)	3	Understand the numerator of non-unit fractions	recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
3	3B	Number – fractions	8	Fractions (1)	4	Understand the whole	recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
3	3B	Number – fractions	8	Fractions (1)	5	Compare and order non-unit fractions	compare and order unit fractions, and fractions with the same denominators
3	3B	Number – fractions	8	Fractions (1)	6	Divisions on a number line	compare and order unit fractions, and fractions with the same denominators
3	3B	Number – fractions	8	Fractions (1)	7	Count in fractions on a number line	compare and order unit fractions, and fractions with the same denominators
3	3B	Number – fractions	8	Fractions (1)	8	Equivalent fractions as bar models	recognise and show, using diagrams, equivalent fractions with small denominators
3	3B	Number – fractions	8	Fractions (1)	9	Equivalent fractions on a number line	recognise and show, using diagrams, equivalent fractions with small denominators
3	3B	Number – fractions	8	Fractions (1)	10	Equivalent fractions	recognise and show, using diagrams, equivalent fractions with small denominators

3	3B	Measurement	9	Mass	1	Use scales	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	2	Measure mass	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	3	Measure mass in kilograms and grams	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	4	Equivalent masses (kg and g)	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	5	Compare mass	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	6	Add and subtract mass	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	9	Mass	7	Problem solving – mass	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

3	3B	Measurement	10	Capacity	1	Measure capacity and volume in millilitres	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	10	Capacity	2	Compare capacity and volume	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	10	Capacity	3	Equivalent capacities and volumes (litres and ml)	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	10	Capacity	4	Compare capacity and volume	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	10	Capacity	5	Add and subtract capacity and volume	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3B	Measurement	10	Capacity	6	Problem solving – capacity	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
3	3C	Number – fractions	11	Fractions (2)	1	Add fractions	add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]

3	3C	Number – fractions	11	Fractions (2)	2	Subtract fractions	add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]
3	3C	Number – fractions	11	Fractions (2)	3	Partitioning the whole	add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]
3	3C	Number – fractions	11	Fractions (2)	4	Problem solving – adding and subtracting fractions	solve problems that involve all of the above
3	3C	Number – fractions	11	Fractions (2)	5	Unit fractions of a set of objects	recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
3	3C	Number – fractions	11	Fractions (2)	6	Non-unit fractions of a set of objects	recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
3	3C	Number – fractions	11	Fractions (2)	7	Reasoning with fractions of an amount	recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
3	3C	Number – fractions	11	Fractions (2)	8	Problem solving – fractions of measures	solve problems that involve all of the above

3	3C	Measurement	12	Money	1	Pounds and pence	add and subtract amounts of money to give change, using both £ and p in practical contexts
3	3C	Measurement	12	Money	2	Convert pounds and pence	add and subtract amounts of money to give change, using both £ and p in practical contexts
3	3C	Measurement	12	Money	3	Add money	add and subtract amounts of money to give change, using both £ and p in practical contexts
3	3C	Measurement	12	Money	4	Subtract money	add and subtract amounts of money to give change, using both £ and p in practical contexts
3	3C	Measurement	12	Money	5	Find change	add and subtract amounts of money to give change, using both £ and p in practical contexts
3	3C	Measurement	13	Time	1	Roman numerals to 12	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	3C	Measurement	13	Time	2	Tell the time to 5 minutes	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	3C	Measurement	13	Time	3	Tell the time to the minute	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	3C	Measurement	13	Time	4	Convert past and to the hour	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
3	3C	Measurement	13	Time	5	Using am and pm	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
3	3C	Measurement	13	Time	6	Years, months and days	know the number of seconds in a minute and the number of days in each month, year and leap year

3	3C	Measurement	13	Time	7	Days and hours	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
3	3C	Measurement	13	Time	8	Hours and minutes – start and end times	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
3	3C	Measurement	13	Time	9	Hours and minutes – durations	compare durations of events [for example to calculate the time taken by particular events or tasks].
3	3C	Measurement	13	Time	10	Hours and minutes – compare durations	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

3	3C	Measurement	13	Time	11	Minutes and seconds	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
3	3C	Measurement	13	Time	12	Solve problems with time	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
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	1	Turns and angles	recognise angles as a property of shape or a description of a turn

3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	2	Right angles in shapes	recognise angles as a property of shape or a description of a turn
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	3	Compare angles	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
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	4	Measure and draw accurately	draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	5	Horizontal and vertical	identify horizontal and vertical lines and pairs of perpendicular and parallel lines
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	6	Parallel and perpendicular	identify horizontal and vertical lines and pairs of perpendicular and parallel lines
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	7	Recognise and describe 2D shapes	draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them

3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	8	Recognise and describe 3D shapes	draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
3	3C	Geometry – properties of shapes	14	Angles and properties of shapes	9	Make 3D shapes	draw 2D shapes and make 3D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
3	3C	Statistics	15	Statistics	1	Interpret pictograms (1)	interpret and present data using bar charts, pictograms and tables
3	3C	Statistics	15	Statistics	2	Interpret pictograms (2)	interpret and present data using bar charts, pictograms and tables
3	3C	Statistics	15	Statistics	3	Draw pictograms	interpret and present data using bar charts, pictograms and tables
3	3C	Statistics	15	Statistics	4	Interpret bar charts	interpret and present data using bar charts, pictograms and tables

3	3C	Statistics	15	Statistics	5	Draw bar charts	interpret and present data using bar charts, pictograms and tables
3	3C	Statistics	15	Statistics	6	Collect and represent data	interpret and present data using bar charts, pictograms and tables
3	3C	Statistics	15	Statistics	7	Simple two-way tables	interpret and present data using bar charts, pictograms and tables
4	4A	Number – number and place value	1	Place value – 4-digit nu	1	Represent and partition numbers to 1,000	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	1	Place value – 4-digit nu	2	Number line to 1,000	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	1	Place value – 4-digit nu	3	Multiples of 1,000	Count in multiples of 6, 7, 9, 25 and 1,000
4	4A	Number – number and place value	1	Place value – 4-digit nu	4	4-digit numbers	Identify, represent and estimate numbers using different representations

4	4A	Number – number and place value	1	Place value – 4-digit nu	5	Partition 4-digit numbers	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	1	Place value – 4-digit nu	6	Partition 4-digit numbers flexibly	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	1	Place value – 4-digit nu	7	1, 10, 100, 1,000 more or less	Find 1,000 more or less than a given number
4	4A	Number – number and place value	1	Place value – 4-digit nu	8	1,000s, 100s, 10s and 1s	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	2	Place value – 4-digit nu	1	Number line to 10,000	identify, represent and estimate numbers using different representations
4	4A	Number – number and place value	2	Place value – 4-digit nu	2	Between two multiples	Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)
4	4A	Number – number and place value	2	Place value – 4-digit nu	3	Estimate on a number line to 10,000	Order and compare numbers beyond 1,000
4	4A	Number – number and place value	2	Place value – 4-digit nu	4	Compare and order numbers to 10,000	Order and compare numbers beyond 1,000

4	4A	Number – number and place value	2	Place value – 4-digit nu	5	Round to the nearest 1,000	Round any number to the nearest 10, 100 or 1,000
4	4A	Number – number and place value	2	Place value – 4-digit nu	6	Round to the nearest 100	Round any number to the nearest 10, 100 or 1,000
4	4A	Number – number and place value	2	Place value – 4-digit nu	7	Round to the nearest 10	Round any number to the nearest 10, 100 or 1,000
4	4A	Number – number and place value	2	Place value – 4-digit nu	8	Round to the nearest 1,000, 100 or 10	Round any number to the nearest 10, 100 or 1,000
4	4A	Number – addition and subtraction	3	Addition and subtracti	1	Add and subtract 1s, 10s, 100s, 1,000s	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	2	Add two 4-digit numbers	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	3	Add two 4-digit numbers – one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

4	4A	Number – addition and subtraction	3	Addition and subtracti	4	Add with more than one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	5	Subtract two 4-digit numbers	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	6	Subtract two 4-digit numbers – one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	7	Subtract two 4-digit numbers – more than one exchange	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
4	4A	Number – addition and subtraction	3	Addition and subtracti	8	Exchange across two columns	add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

4	4A	Number – addition and subtraction	3	Addition and subtracti	9	Efficient methods	estimate and use inverse operations to check answers to a calculation
4	4A	Number – addition and subtraction	3	Addition and subtracti	10	Equivalent difference	estimate and use inverse operations to check answers to a calculation
4	4A	Number – addition and subtraction	3	Addition and subtracti	11	Estimate answers	estimate and use inverse operations to check answers to a calculation
4	4A	Number – addition and subtraction	3	Addition and subtracti	12	Check strategies	estimate and use inverse operations to check answers to a calculation
4	4A	Number – addition and subtraction	3	Addition and subtracti	13	Problem solving – one step	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4	4A	Number – addition and subtraction	3	Addition and subtracti	14	Problem solving – comparison	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4	4A	Number – addition and subtraction	3	Addition and subtracti	15	Problem solving – two steps	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

4	4A	Number – addition and subtraction	3	Addition and subtracti	16	Problem solving – multi-step problems	solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
4	4A	Measurement	4	Measure – area	1	What is area?	Find the area of rectilinear shapes by counting squares
4	4A	Measurement	4	Measure – area	2	Measure area using squares	Find the area of rectilinear shapes by counting squares
4	4A	Measurement	4	Measure – area	3	Count squares	Find the area of rectilinear shapes by counting squares
4	4A	Measurement	4	Measure – area	4	Make shapes	Find the area of rectilinear shapes by counting squares
4	4A	Measurement	4	Measure – area	5	Compare area	Estimate, compare and calculate different measures, including money in pounds and pence
4	4A	Number – multiplication and division	5	Multiplication and divis	1	Multiples of 3	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	2	Multiply and divide by 6	Recall multiplication and division facts for multiplication tables up to 12 × 12

4	4A	Number – multiplication and division	5	Multiplication and division (1)	3	6 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	4	Multiply and divide by 9	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	5	9 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	6	The 3, 6 and 9 times-tables	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	7	Multiply and divide by 7	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	8	7 times-table and division facts	Recall multiplication and division facts for multiplication tables up to 12 × 12
4	4A	Number – multiplication and division	5	Multiplication and division (1)	9	11 and 12 times-tables and division facts	Recall multiplication and division facts for multiplication tables up to 12 × 12

4	4A	Number – multiplication and division	5	Multiplication and division (1)	10	Multiply by 1 and 0	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	4A	Number – multiplication and division	5	Multiplication and division (1)	11	Divide by 1 and itself	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	4A	Number – multiplication and division	5	Multiplication and division (1)	12	Multiply three numbers	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	4B	Number – multiplication and division	6	Multiplication and division (2)	1	Factor pairs	Recognise and use factor pairs and commutativity in mental calculations
4	4B	Number – multiplication and division	6	Multiplication and division (2)	2	Multiply and divide by 10	recall multiplication and division facts for multiplication tables up to 12 × 12

4	4B	Number – multiplication and division	6	Multiplication and division (2)	3	Multiply and divide by 100	recall multiplication and division facts for multiplication tables up to 12 × 12
4	4B	Number – multiplication and division	6	Multiplication and division (2)	4	Related facts – multiplication	recall multiplication and division facts for multiplication tables up to 12 × 12
4	4B	Number – multiplication and division	6	Multiplication and division (2)	5	Related facts – division	recall multiplication and division facts for multiplication tables up to 12 × 12
4	4B	Number – multiplication and division	6	Multiplication and division (2)	6	Multiply and add	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
4	4B	Number – multiplication and division	6	Multiplication and division (2)	7	Informal written methods	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
4	4B	Number – multiplication and division	6	Multiplication and division (2)	8	Multiply 2-digits by 1-digit	multiply two-digit and three-digit numbers by a one-digit number using formal written layout

4	4B	Number – multiplication and division	6	Multiplication and division (2)	9	Multiply 3-digits by 1-digit	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
4	4B	Number – multiplication and division	6	Multiplication and division (2)	10	Solve multiplication problems	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
4	4B	Number – multiplication and division	6	Multiplication and division (2)	11	Basic division	recognise and use factor pairs and commutativity in mental calculations
4	4B	Number – multiplication and division	6	Multiplication and division (2)	12	Division and remainders	multiply two-digit and three-digit numbers by a one-digit number using formal written layout
4	4B	Number – multiplication and division	6	Multiplication and division (2)	13	Divide 2-digit numbers	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	4B	Number – multiplication and division	6	Multiplication and division (2)	14	Divide 3-digit numbers	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	4B	Number – multiplication and division	6	Multiplication and division (2)	15	Correspondence problems	recognise and use factor pairs and commutativity in mental calculations
4	4B	Number – multiplication and division	6	Multiplication and division (2)	16	Efficient multiplication	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
4	4B	Measurement	7	Length and perimeter	1	Measure in km and m	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4B	Measurement	7	Length and perimeter	2	Perimeter on a grid	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
4	4B	Measurement	7	Length and perimeter	3	Perimeter of a rectangle	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
4	4B	Measurement	7	Length and perimeter	4	Perimeter of rectilinear shapes	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
4	4B	Measurement	7	Length and perimeter	5	Find missing lengths in rectilinear shapes	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

4	4B	Measurement	7	Length and perimeter	6	Perimeter of regular polygons	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
4	4B	Number – fractions	8	Fractions (1)	1	Count beyond 1	Non-statutory guidance: They practise counting using simple fractions and decimals, both forwards and backwards
4	4B	Number – fractions	8	Fractions (1)	2	Partition a mixed number	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear numer system
4	4B	Number – fractions	8	Fractions (1)	3	Number lines with mixed numbers	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear numer system
4	4B	Number – fractions	8	Fractions (1)	4	Compare and order mixed numbers	Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear numer system
4	4B	Number – fractions	8	Fractions (1)	5	Convert mixed numbers to improper fractions	Ready to progress criteria (4F–2): Convert mixed numbers to improper fractions and vice versa
4	4B	Number – fractions	8	Fractions (1)	6	Convert improper fractions to mixed numbers	Ready to progress criteria (4F–2): Convert mixed numbers to improper fractions and vice versa
4	4B	Number – fractions	8	Fractions (1)	7	Equivalent fractions	recognise and show, using diagrams, families of common equivalent fractions

4	4B	Number – fractions	8	Fractions (1)	8	Equivalent fraction families	recognise and show, using diagrams, families of common equivalent fractions
4	4B	Number – fractions	8	Fractions (1)	9	Simplifying fractions	recognise and show, using diagrams, families of common equivalent fractions
4	4B	Number – fractions	9	Fractions (2)	1	Add and subtract two or more fractions	add and subtract fractions with the same denominator
4	4B	Number – fractions	9	Fractions (2)	2	Add fractions and mixed numbers	add and subtract fractions with the same denominator
4	4B	Number – fractions	9	Fractions (2)	3	Subtract from mixed numbers	add and subtract fractions with the same denominator
4	4B	Number – fractions	9	Fractions (2)	4	Subtract from whole amounts	add and subtract fractions with the same denominator
4	4B	Number – fractions	9	Fractions (2)	5	Problem solving – add and subtract fractions (1)	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
4	4B	Number – fractions	9	Fractions (2)	6	Problem solving – add and subtract fractions (2)	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

4	4B	Number – fractions	9	Fractions (2)	7	Fraction of an amount	Non-stat lesson.
4	4B	Number – fractions	9	Fractions (2)	8	Problem solving – fraction of an amount	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
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	1	Tenths as fractions	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	2	Tenths as decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	3	Tenths on a place value grid	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	4	Tenths on a number line (1)	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	5	Tenths on a number line (2)	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	6	Divide 1-digit by 10	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

4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	7	Divide 2-digits by 10	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
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	8	Hundredths as fractions	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	9	Hundredths as decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	10	Hundredths on a place value grid	recognise and write decimal equivalents of any number of tenths or hundredths
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	11	Divide 1 or 2-digits by 100	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
4	4B	Number – fractions (including decimals and percentages)	10	Decimals (1)	12	Dividing by 10 and 100	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
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	1	Make a whole	recognise and write decimal equivalents of any number of tenths or hundredths
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	2	Partitioning decimals	recognise and write decimal equivalents of any number of tenths or hundredths

4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	3	Flexible partitioning decimals	recognise and write decimal equivalents of any number of tenths or hundredths
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	4	Compare decimals	compare numbers with the same number of decimal places up to two decimal places
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	5	Order decimals	compare numbers with the same number of decimal places up to two decimal places
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	6	Round to the nearest whole	round decimals with one decimal place to the nearest whole number
4	4C	Number – fractions (including decimals and percentages)	11	Decimals (2)	7	Halves and quarters as decimals	recognise and write decimal equivalents to 1/4, 1/2, 3/4
4	4C	Measurement	12	Money	1	Write money using decimals	estimate, compare and calculate different measures, including money in pounds and pence
4	4C	Measurement	12	Money	2	Convert between pounds and pence	estimate, compare and calculate different measures, including money in pounds and pence
4	4C	Measurement	12	Money	3	Compare amounts of money	estimate, compare and calculate different measures, including money in pounds and pence
4	4C	Measurement	12	Money	4	Estimate with money	estimate, compare and calculate different measures, including money in pounds and pence
4	4C	Measurement	12	Money	5	Calculate with money	estimate, compare and calculate different measures, including money in pounds and pence

4	4C	Measurement	12	Money	6	Solve problems with money	estimate, compare and calculate different measures, including money in pounds and pence
4	4C	Measurement	13	Time	1	Years, months, weeks and days	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4C	Measurement	13	Time	2	Hours, minutes and seconds	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4C	Measurement	13	Time	3	Convert between analogue and digital times	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4C	Measurement	13	Time	4	Convert to the 24 hour clock	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4C	Measurement	13	Time	5	Problem solving – converting time	Convert between different units of measure [for example, kilometre to metre; hour to minute]
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	1	Identify angles	identify acute and obtuse angles and compare and order angles up to two right angles by size

4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	2	Compare and order angles	identify acute and obtuse angles and compare and order angles up to two right angles by size
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	3	Triangles	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	4	Quadrilaterals	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	5	Polygons	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	6	Reasoning about polygons	compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	7	Lines of symmetry	Identify lines of symmetry in 2D shapes presented in different orientations
4	4C	Geometry – properties of shapes	14	Geometry – angles and 2D shapes	8	Complete a symmetric figure	complete a simple symmetric figure with respect to a specific line of symmetry

4	4C	Statistics	15	Statistics	1	Interpret charts	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
4	4C	Statistics	15	Statistics	2	Solve problems with charts (1)	solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.
4	4C	Statistics	15	Statistics	3	Solve problems with charts (2)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
4	4C	Statistics	15	Statistics	4	Interpret line graphs (1)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
4	4C	Statistics	15	Statistics	5	Interpret line graphs (2)	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
4	4C	Statistics	15	Statistics	6	Draw line graphs	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

4	4C	Geometry – position and direction	16	Geometry – position and direction	1	Describe position	Describe positions on a 2D grid as coordinates in the first quadrant
4	4C	Geometry – position and direction	16	Geometry – position and direction	2	Describe position using coordinates	Describe positions on a 2D grid as coordinates in the first quadrant
4	4C	Geometry – position and direction	16	Geometry – position and direction	3	Plot coordinates	plot specified points and draw sides to complete a given polygon
4	4C	Geometry – position and direction	16	Geometry – position and direction	4	Draw 2D shapes on a grid	plot specified points and draw sides to complete a given polygon
4	4C	Geometry – position and direction	16	Geometry – position and direction	5	Translate on a grid	describe movements between positions as translations of a given unit to the left/right and up/down
4	4C	Geometry – position and direction	16	Geometry – position and direction	6	Describe translation on a grid	describe movements between positions as translations of a given unit to the left/right and up/down