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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **FS2** | **Match, sort and compare*** Match objects
* Match pictures and objects
* Identify a set
* Sort objects to a type
* Create sorting rules
* Compare amounts

**Talk about measure and patterns*** Compare size
* Compare mass
* Compare capacity
* Explore simple patterns
* Copy and continue simple patterns
* Create simple patterns
 | **It’s me 1, 2, and 3*** Find 1, 2, and 3
* Subitise 1, 2, and 3
* Represent 1, 2, and 3
* 1 more
* 1 less
* Compositions of 1, 2 and 3

**Circle and triangles*** Identify and name circle and triangles
* Compare circles and triangles
* Shapes in the environment
* Describe position

**1, 2, 3, 4, 5*** Find 4 and 5
* Subitise 4 and 5
* Represent 4 and 5
* 1 more
* 1 less
* Composition of 4 and 5
* Composition of 1 – 5

**Shapes with 4 sides*** Identify and name shapes with 4 sides
* Combine shapes with 4 sides
* Shapes in the environment
* My day and night
 | **Alive in 5*** Introduce zero
* Find 0 – 5
* Subitise 0 – 5
* Represent 0 – 5
* 1 more
* 1 less
* Composition
* Conceptual subitising to 5

**Mass and capacity*** Compare mass
* Find a balance
* Explore capacity
* Compare capacity

**Growing 6, 7, 8*** Find 6, 7 and 8
* Represent 6, 7 and 8
* 1 more
* 1 less
* Composition of 6, 7 and 8
* Make pairs – odd and even
* Double to 8 (find a double)
* Double to 8 (make a double)
* Combine 2 groups
 | **Length, height and time*** Explore length
* Compare length
* Explore height
* Compare height
* Talk about time
* Order and sequence time

**Building 9 and 10*** Find 9 and 10
* Compare numbers to 10
* Represent 9 and 10
* Conceptual subitising to 10
* 1 more
* 1 less
* Composition to 10
* Bonds to 10 (2 parts)
* Make arrangements of 10
* Bonds to 10 (3 parts)

**Explore 3D shapes*** Recognise and name 3d shapes
* Find 2d shapes within 3d shapes
* Use 3d shapes for tasks
* 3d shapes in the environment
* Identify more complex patterns
* Patterns in the environment
 | **To 20 and beyond*** Build numbers beyond 10 (10 – 13)
* Continue patterns beyond 10 (10-13)
* Build numbers beyond 10 (14-20)
* Continue patterns beyond 10 (14 – 20)
* Verbal counting beyond 20
* Verbal counting patterns

**How many now?*** Add more
* How many did I add
* Take away
* How many did I take away?

**Manipulate, compose and decompose*** Select shapes for a purpose
* Rotate shapes
* Manipulate shapes
* Explain shape arrangements
* Compose shapes
* Copy 2d shape pictures
* Find 2d shapes within 3d shapes
 | **Sharing and grouping*** Explore sharing
* Sharing
* Explore grouping
* Grouping
* Even and odd sharing
* Play with and build doubles

**Visualise, build and map*** Identify units of repeating patterns
* Create own pattern rules
* Explore own pattern rules
* Replicate and build scenes and constructions
* Visualise from different positions
* Describe positions
* Give instructions to build
* Explore mapping
* Represent maps with models

**Make connections*** Deepen understanding
* Patterns and relationships

**Consolidation** |

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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 1** | **Place Value*** Sort objects
* Count objects
* Count objects from a larger group
* Represent objects
* Recognise numbers as words
* Count on from any number
* 1 more
* Count backwards within 10
* 1 less
* Compare groups by matching
* Fewer, the, same
* Less than, greater than, equal to
* Compare numbers
* Order objects and numbers
* The number line
 | **Addition and subtraction within 10*** Introduce parts and wholes
* Part-whole model
* Write number sentences
* Fact families – addition facts
* Number bonds within 10
* Systematic number bonds within 10
* Number bonds to 10
* Addition – add together
* Addition – add more
* Addition problems
* Find a part
* Subtraction – find a part
* Fact families – the eight facts
* Subtraction – take away/cross out (how many left?)
* Take away (how many left?)
* Subtraction on a number line
* Add or subtract 1 or 2

**Shape*** Recognise and name 3-d shapes
* Sort 3-d shapes
* Recognise and name 2-d shapes
* Sort 2-d shapes
* Patterns with 2-d and 3-d shapes
 | **Place value within 20*** Count within 20
* Understand 10
* Understand 11, 12 and 13
* Understand 14, 15 and 16
* Understand 17, 18 and 19
* Understand 20
* 1 more and 1 less
* The number line to 20
* Use a number line to 20
* Estimate on a number line to 20
* Compare numbers to 20
* Order numbers to 20

**Addition and subtraction within 20*** Add by counting on within 20
* Add ones using number bonds
* Find and make number bonds to 20
* Doubles
* Near doubles
* Subtract ones using number bonds
* Subtraction – counting back
* Subtraction – finding the difference
* Related facts
* Step 10 Missing number problems
 | **Place value within 50*** Count from 20 to 50
* 20, 30, 40 and 50
* Count by making groups of tens
* Groups of tens and ones
* Partition into tens and ones
* The number line to 50
* Estimate on a number line to 50
* 1 more, 1 less

**Length and height** * Compare lengths and heights
* Measure length using objects
* Measure length in centimetres

**Mass and volume*** Heavier and lighter
* Measure mass
* Compare mass
* Full and empty
* Compare volume
* Measure capacity
* Compare capacity
 | Multiplication and division * Count in 2s
* Count in 10s
* Count in 5s
* Recognise equal groups
* Add equal groups
* Make arrays
* Make doubles
* Make equal groups – grouping
* Make equal groups – sharing

**Fractions** * Recognise a half of an object or a shape
* Find a half of an object or a shape
* Recognise a half of a quantity
* Find a half of a quantity
* Recognise a quarter of an object or a shape
* Find a quarter of an object or a shape
* Recognise a quarter of a quantity
* Find a quarter of a quantity

**Position and direction** * Describe turns
* Describe position – left and right
* Describe position – forwards and backwards
* Describe position – above and below
* Ordinal numbers
 | **Place value within 100*** Count from 50 to 10
* Tens to 100
* Partition into tens and ones
* number line to 100
* 1 more, 1 less
* Compare numbers with the same number of tens
* Compare any two number

**Money*** Unitising
* Recognise coins
* Recognise notes
* Count in coins

**Time*** Before and after
* Days of the week
* Months of the year
* Hours, minutes and seconds
* Tell the time to the hour
* Tell the time to the half hour
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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 2** | **Place Value*** Numbers to 20
* Count objects to 100 by making 10s
* Recognise tens and ones
* Use a place value chart
* Partition numbers to 100
* Write numbers to 100 in words
* Flexibly partition numbers to 100
* Write numbers to 100 in expanded form
* 0s on the number line to 100
* 10s and 1s on the number line to 100
* Estimate numbers on a number line
* Compare objects
* Compare numbers
* Order objects and numbers
* Count in 2s, 5s and 10s
* Count in 3s
 | **Addition and subtraction*** Bonds to 10
* Fact families - addition and subtraction bonds within 20 and related facts
* Bonds to 100 (tens)
* Add and subtract 1s
* Add by making 10
* Add three 1-digit numbers
* Add to the next 10
* Add across a 10
* Subtract across 10
* Subtract from a 10
* Subtract a 1-digit number from a 2-digit number (across a 10)
* 10 more, 10 less
* Add and subtract 10s
* Add two 2-digit numbers (not across a 10)
* Add two 2-digit numbers (across a 10)
* Subtract two 2-digit numbers (not across a 10)
* Subtract two 2-digit numbers (across a 10)
* Mixed addition and subtraction
* Compare number sentences
* Missing number problems

**Shape*** Recognise 2D and 3D shapes
* Count sides on 2D shapes
* Count vertices on 2D shapes
* Draw 2D shapes
* Lines of symmetry on shapes
* Use lines of symmetry to complete shapes
* Sort 2D shapes
* Count faces on 3D shapes
* Count edges on 3D shapes
* Count vertices on 3D shapes
* Sort 3D shapes
* Make patterns with 2D and 3-D shape
 | **Money*** Count money – pence
* Count money – pounds (notes and coins)
* Count money – pounds and pence
* Choose notes and coins
* Make the same amount
* Compare amounts of money
* Calculate with money
* Make a pound
* Find change
* Two-step problems

**Multiplication and division** * Recognise equal groups
* Make equal groups
* Add equal groups
* Introduce the multiplication symbol
* Multiplication sentences
* Use arrays
* Make equal groups – grouping
* Make equal groups – sharing
* The 2 times-table
* Divide by 2
* Doubling and halving
* Odd and even numbers
* Step 13 The 10 times-table
* Divide by 10
* The 5 times-table
* Divide by 5
* The 5 and 10 times-tables
 | **Length and height*** Measure in centimetres
* Measure in metres
* Compare lengths and heights
* Order lengths and heights
* Four operations with lengths and heights

**Mass, capacity and temperature** * Compare mass
* Measure in grams
* Measure in kilograms
* Four operations with mass
* Compare volume and capacity
* Measure in millilitres
* Measure in litres
* Four operations with volume and capacity
* Temperature
 | **Fractions*** Introduction to parts and whole
* Equal and unequal parts
* Recognise a half
* Find a half
* Recognise a quarter
* Find a quarter
* Recognise a third
* Find a third
* Find the whole
* Unit fractions
* Non-unit fractions
* Recognise the equivalence of a half and two-quarters
* Recognise three-quarters
* Find three-quarters
* Count in fractions up to a whole

**Time** * O’clock and half past
* Quarter past and quarter to
* Tell the time past the hour
* Tell the time to the hour
* Tell the time to 5 minutes
* Minutes in an hour
* Hours in a day
 | **Statistics*** Make tally charts
* Tables
* Block diagrams
* Draw pictograms (1–1)
* Interpret pictograms (1–1)
* Draw pictograms (2, 5 and 10)
* Interpret pictograms (2, 5 and 10)

**Position and direction*** Language of position
* Describe movement
* Describe turns
* Describe movement and turns
* Shape patterns with turn
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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 3** | **Place value*** Represent numbers to 100
* Partition numbers to 100
* Number line to 100
* Hundreds
* Represent numbers to 1,000
* Partition numbers to 1,000
* Flexible partitioning of numbers to 1,000
* Hundreds, tens and ones
* Find 1, 10 or 100 more or less
* Number line to 1,000
* Estimate on a number line to 1,000
* Compare numbers to 1,000
* Order numbers to 1,000
* Count in 50s
 | **Addition and subtraction*** Apply number bonds within 10
* Add and subtract 1s
* Add and subtract 10s
* Add and subtract 100s
* Spot the pattern
* Add 1s across a 10
* Add 10s across a 100
* Subtract 1s across a 10
* Subtract 10s across a 100
* Make connections
* Add two numbers (no exchange)
* Subtract two numbers (no exchange)
* Add two numbers (across a 10)
* Add two numbers (across a 100)
* Subtract two numbers (across a 10)
* Subtract two numbers (across a 100
* Add 2-digit and 3-digit numbers
* Subtract a 2-digit number from a 3-digit number
* Complements to 100
* Estimate answers
* Inverse operations
* Make decisions

**Multiplication and division*** Multiplication – equal groups
* Use arrays
* Multiples of 2
* Multiples of 5 and 10
* Sharing and grouping
* Multiply by 3
* Divide by 3
* The 3 times-table
* Multiply by 4
* Divide by 4
* The 4 times-table
* Multiply by 8
* Divide by 8
* The 8 times-table
* The 2, 4 and 8 times-table
 | **Multiplications and division*** Multiples of 10
* Related calculations
* Reasoning about multiplication
* Multiply a 2-digit number by a 1-digit number – no exchange
* Multiply a 2-digit number by a 1-digit number – with exchange
* Link multiplication and division
* Divide a 2-digit number by a 1-digit number – no exchange
* Divide a 2-digit number by a 1-digit number – flexible partitioning
* Divide a 2-digit number by a 1-digit number – with remainders
* Scaling
* How many ways?

**Length and perimeter*** Measure in metres and centimetres
* Measure in millimetres
* Measure in centimetres and millimetres
* Metres, centimetres and millimetres
* Equivalent lengths (metres and centimetres)
* Equivalent lengths (centimetres and millimetres)
* Compare lengths
* Add lengths
* Subtract lengths
* What is perimeter?
* Measure perimeter
* Calculate perimeter
 | **Fractions*** Understand the denominators of unit fractions
* Compare and order unit fractions
* Understand the numerators of non-unit fractions
* Understand the whole
* Compare and order non-unit fractions
* Fractions and scales
* Fractions on a number line
* Count in fractions on a number line
* Equivalent fractions on a number line
* Equivalent fractions as bar models

**Mass and capacity** * Use scales
* Measure mass in grams
* Measure mass in kilograms and grams
* Equivalent masses (kilograms and grams)
* Compare mass
* Add and subtract mass
* Measure capacity and volume in millilitres
* Measure capacity and volume in litres and millilitres
* Equivalent capacities and volumes (litres and millilitres)
* Compare capacity and volume
* Add and subtract capacity and volume
 | **Fractions** * Add fractions
* Subtract fractions
* Partition the whole
* Unit fractions of a set of objects
* Non-unit fractions of a set of objects
* Reasoning with fractions of an amount

**Money*** Pounds and pence
* Convert pounds and pence
* Add money
* Subtract money
* 5 Find change

**Time*** Roman numerals to 12
* Tell the time to 5 minutes
* Tell the time to the minute
* Read time on a digital clock
* Use am and pm
* Years, months and days
* Days and hours
* Hours and minutes – use start and end times
* Hours and minutes - use durations
* Minutes and seconds
* Units of time
* Solve problems with time
 | **Shape*** Turns and angles
* Right angles
* Compare angles
* Measure and draw accurately
* Horizontal and vertical
* Parallel and perpendicular
* Recognise and describe 2-D shapes
* Draw polygons
* Recognise and describe 3-D shapes
* Make 3-D shapes

**Statistics** * Interpret pictograms
* Draw pictograms
* Interpret bar charts
* Draw bar charts
* Collect and represent data
* Two-way tables
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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 4** | **Place value*** Represent numbers to 1,000
* Partition numbers to 1,000
* Number line to 1,000
* Thousands
* Represent numbers to 10,000
* Partition numbers to 10,000
* Flexible partitioning of numbers to 10,000
* Find 1, 10, 100, 1,000 more or less
* Number line to 10,000
* Estimate on a number line to 10,000
* Compare numbers to 10,000
* Order numbers to 10,000
* Roman numerals
* Round to the nearest 10
* Round to the nearest 100
* Round to the nearest 1,000
* Round to the nearest 10, 100 or 1,000

**Addition and subtraction*** Add and subtract 1s, 10s, 100s and 1,000s
* Add up to two 4-digit numbers – no exchange
* Add two 4-digit numbers – one exchange
* Add two 4-digit numbers – more than one exchange
* Subtract two 4-digit numbers – no exchange
* Subtract two 4-digit numbers – one exchange
* Subtract two 4-digit numbers – more than one exchange
* Efficient subtraction
* Estimate answers
* Checking strategies
 | **Area*** What is area?
* Count squares
* Make shapes
* Compare areas

**Multiplications and division*** Multiples of 3
* Multiply and divide by 6
* 6 times-table and division facts
* Multiply and divide by 9
* 9 times-table and division facts
* The 3, 6 and 9 times-tables
* Multiply and divide by 7
* 7 times-table and division facts
* 11 times-table and division facts
* 12 times-table and division facts
* Multiply by 1 and 0
* Divide a number by 1 and itself
* Multiply three number
 | **Multiplication and division*** Factor pairs
* Use factor pairs
* Multiply by 10
* Multiply by 100
* Divide by 10
* Divide by 100
* Related facts – multiplication and division
* Informal written methods for multiplication
* Multiply a 2-digit number by a 1-digit number
* Multiply a 3-digit number by a 1-digit number
* Divide a 2-digit number by a 1-digit number (1)
* Divide a 2-digit number by a 1-digit number (2)
* Divide a 3-digit number by a 1-digit number
* Correspondence problems
* Efficient multiplication

**Length and perimeter*** Measure in kilometres and metres
* Equivalent lengths (kilometres and metres)
* Perimeter on a grid
* Perimeter of a rectangle
* Perimeter of rectilinear shapes
* Find missing lengths in rectilinear shapes
* Calculate perimeter of rectilinear shapes
* Perimeter of regular polygons
* Perimeter of polygons
 | **Fractions*** Understand the whole
* Count beyond 1
* Partition a mixed number
* Number lines with mixed numbers
* Compare and order mixed numbers
* Understand improper fractions
* Convert mixed numbers to improper fractions
* Convert improper fractions to mixed numbers
* Equivalent fractions on a number line
* Equivalent fraction families
* Add two or more fractions
* Add fractions and mixed numbers
* Subtract two fractions
* Subtract from whole amounts
* Subtract from mixed number

**Decimals*** Tenths as fractions
* Tenths as decimals
* Tenths on a place value chart
* Tenths on a number line
* Divide a 1-digit number by 10
* Divide a 2-digit number by 10
* Hundredths as fractions
* Hundredths as decimals
* Hundredths on a place value chart
* Divide a 1- or 2-digit number by 10
 | **Decimals*** Make a whole with tenths
* Make a whole with hundredths
* Partition decimals
* Flexibly partition decimals
* Compare decimals
* Order decimals
* Round to the nearest whole number
* Halves and quarters as decimal

**Money*** Write money using decimals
* Convert between pounds and pence
* Compare amounts of money
* Estimate with money
* Calculate with money
* Solve problems with money

**Time*** Years, months, weeks and days
* Hours, minutes and seconds
* Convert between analogue and digital times
* Convert to the 24-hour clock
* Convert from the 24-hour clock
 | **Shape*** Understand angles as turns
* Identify angles
* Compare and order angles
* Triangles
* Quadrilaterals
* Polygons
* Lines of symmetry
* Complete a symmetric figure

**Statistics*** Interpret charts
* Comparison, sum and difference
* Interpret line graphs
* Draw line graphs

**Positions** **and** **direction*** Describe position using coordinates
* Plot coordinates
* Draw 2-D shapes on a grid
* Translate on a grid
* Describe translation on a grid
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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 5** | **Place value*** Roman numerals to 1,000
* Numbers to 10,000
* Numbers to 100,000
* Numbers to 1,000,000
* Read and write numbers to 1,000,000
* Powers of 10
* 10/100/1,000/10,000/100,000 more or less
* Partition numbers to 1,000,000
* Number line to 1,000,000
* Compare and order numbers to 10,000
* Compare and order numbers to 1,000,000
* Round to the nearest 10, 100 or 1,000
* Round within 100,000
* 14 round within 1,000,000

**Addition and subtraction*** Mental strategies
* Add whole numbers with more than four digits
* Subtract whole numbers with more than four digits
* Round to check answers
* Inverse operations (addition and subtraction)
* Multi-step addition and subtraction problems
* Compare calculations
* Find missing numbers
 | **Multiplication and division*** Multiples
* Common multiples
* Factors
* Common factors
* Prime numbers
* Square numbers
* Cube numbers
* Multiply by 10, 100 and 1,000
* Divide by 10, 100 and 1,000
* Multiples of 10, 100 and 1,000

**Fractions*** Find fractions equivalent to a unit fraction
* Find fractions equivalent to a non-unit fraction
* Recognise equivalent fractions
* Convert improper fractions to mixed numbers
* Convert mixed numbers to improper fractions
* Compare fractions less than 1
* Order fractions less than 1
* Compare and order fractions greater than 1
* Add and subtract fractions with the same denominator
* Add fractions within 1
* Add fractions with total greater than 1
* Add to a mixed number
* Add two mixed numbers
* Subtract fractions
* 15 Subtract from a mixed number
* 16 Subtract from a mixed number – breaking the whole
* Subtract two mixed numbers
 | **Multiplication and division*** Multiply up to a 4-digit number by a 1-digit number
* Multiply a 2-digit number by a 2-digit number (area model)
* Multiply a 2-digit number by a 2-digit number
* Multiply a 3-digit number by a 2-digit number
* Multiply a 4-digit number by a 2-digit number
* Solve problems with multiplication
* Short division
* Divide a 4-digit number by a 1-digit number
* Divide with remainders
* Efficient division
* Solve problems with multiplication and division

**Fractions*** Multiply a unit fraction by an integer
* Multiply a non-unit fraction by an integer
* Multiply a mixed number by an integer
* Calculate a fraction of a quantity
* Fraction of an amount
* Find the whole
* Use fractions as operator
 | **Decimals and percentages*** Decimals up to 2 decimal places
* Equivalent fractions and decimals (tenths)
* Equivalent fractions and decimals (hundredths)
* Equivalent fractions and decimals
* Thousandths as fractions
* Thousandths as decimals
* Thousandths on a place value chart
* Order and compare decimals (same number of decimal places)
* Order and compare any decimals with up to 3 decimal places
* Round to the nearest whole number
* Round to 1 decimal place
* Understand percentages
* Percentages as fractions
* Percentages as decimals
* Equivalent fractions, decimals and percentage

**Perimeter and area*** Perimeter of rectangles
* Perimeter of rectilinear shapes
* Perimeter of polygons
* Area of rectangles
* Area of compound shapes
* Estimate are

**Statistics*** Draw line graphs
* Read and interpret line graphs
* Read and interpret tables
* Two-way tables
* Read and interpret timetables
 | **Shape*** Understand and use degrees
* Classify angles
* Estimate angles
* Measure angles up to 180°
* Draw lines and angles accurately
* Calculate angles around a point
* Calculate angles on a straight line
* Lengths and angles in shapes
* Regular and irregular polygons
* 3-D shapes

**Position and direction*** Read and plot coordinates
* Problem solving with coordinates
* Translation
* Translation with coordinates
* Lines of symmetry
* Reflection in horizontal and vertical line

**Decimals*** Use known facts to add and subtract decimals within 1
* Complements to 1
* Add and subtract decimals across 1
* Add decimals with the same number of decimal places
* Subtract decimals with the same number of decimal places
* Add decimals with different numbers of decimal places
* Subtract decimals with different numbers of decimal places
* Efficient strategies for adding and subtracting decimals
* Decimal sequences
* Multiply by 10, 100 and 1,000
* Divide by 10, 100 and 1,000
* Multiply and divide decimals – missing values
 | **Negative numbers*** Understand negative numbers
* Count through zero in 1s
* Count through zero in multiples
* Compare and order negative numbers
* Find the difference

**Converting units*** Kilograms and kilometres
* Millimetres and millilitres
* Convert units of length
* Convert between metric and imperial units
* Convert units of time
* Calculate with timetables

**Volume*** Cubic centimetres
* Compare volume
* Estimate volume
* Estimate capacity
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|  | **Autumn 1**  | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1**  | **Summer 2** |
| **YEAR 6** | **Place value** * Numbers to 1,000,000
* Numbers to 10,000,000
* Read and write numbers to 10,000,000
* Powers of 10
* Number line to 10,000,000
* Compare and order any integers
* Round any integer
* Negative numbers

**Addition, subtraction, multiplication and division*** Add and subtract integers
* Common factors
* Common multiples
* Rules of divisibility
* Primes to 100
* Square and cube numbers
* Multiply up to a 4-digit number by a 2-digit number
* Solve problems with multiplication
* Short division
* Division using factors
* Introduction to long division
* Long division with remainders
* Solve problems with division
* Solve multi-step problems
* Order of operations
* Mental calculations and estimation
* Reason from known facts
 | **Fractions*** Equivalent fractions and simplifying
* Equivalent fractions on a number line
* Compare and order (denominator)
* Compare and order (numerator)
* Add and subtract simple fractions
* Add and subtract any two fractions
* Add mixed numbers
* Subtract mixed number
* Multi-step problems
* Multiply fractions by integers
* Multiply fractions by fractions
* Divide a fraction by an integer
* Divide any fraction by an integer
* Mixed questions with fractions
* Fraction of an amount
* Fraction of an amount – find the whole

**Converting units*** Metric measures
* Convert metric measures
* Calculate with metric measures
* Miles and kilometres
* Imperial measure
 | **Ratio*** Add or multiply?
* Use ratio language
* Introduction to the ratio symbol
* Ratio and fractions
* Scale drawing
* Use scale factors
* Similar shapes
* Ratio problems
* Proportion problems
* 10 Recipe

**Algebra*** 1-step function machines
* 2-step function machines
* Form expressions
* Substitution
* Formulae
* Form equations
* Solve 1-step equations
* Solve 2-step equations
* Find pairs of values
* Solve problems with two unknown

**Decimals*** Place value within 1
* Place value – integers and decimals
* Round decimals
* Add and subtract decimals
* Multiply by 10, 100 and 1,000
* Divide by 10, 100 and 1,000
* Multiply decimals by integers
* Divide decimals by integers
* Multiply and divide decimals in context
 | **Fractions, decimals and percentages** * Decimal and fraction equivalents
* Fractions as division
* Understand percentages
* Fractions to percentages
* Equivalent fractions, decimals and percentages
* Order fractions, decimals and percentages
* Percentage of an amount – one step
* Percentage of an amount – multi-step
* Percentages – missing values

**Area, perimeter and volume*** Shapes – same area
* Area and perimeter
* Area of a triangle – counting squares
* Area of a right-angled triangle
* Area of any triangle
* Area of a parallelogram
* Volume – counting cubes
* Volume of a cuboid

**Statistics*** Line graphs
* Dual bar charts
* Read and interpret pie charts
* Pie charts with percentages
* Draw pie charts
* The mean
 | **Shape*** Measure and classify angles
* Calculate angles
* Vertically opposite angles
* Angles in a triangle
* Angles in a triangle – special cases
* Angles in a triangle – missing angles
* Angles in a quadrilateral
* Angles in polygon
* Circles
* Draw shapes accurately
* Nets of 3-D shapes

**Position and direction*** The first quadrant
* Read and plot points in four quadrants
* Solve problems with coordinates
* Translations
* Reflection
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