Term 1

Number - number and place value (4 weeks)

- count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward
- recognise the place value of each digit in a two-digit number (10s, 1s)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100; use <, > and = signs
- read and write numbers to at least 100 in numerals and in words
- use place value and number facts to solve problems

Number – addition and subtraction (2 weeks)

- 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
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
  - a two-digit number and 1s
  - a two-digit number and 10s
  - 2 two-digit numbers
  - adding 3 one-digit numbers
- show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems

Mental oral starter Moonwalk maths	2D shape	3D shape	Measure length	Measure weight	Time to the hour	Time To the ½ hour
Counting stick/non negotiable	Counting in 2s	Counting in 2s	Counting in 2s	Counting in 10s	Counting in 10s	Counting in 10s
Main focus	Place Value	Place Value	Place Value	Place Value	Addition and subtraction	Addition and subtraction

Term 2

Number – Addition and Subtraction (2 weeks)

- 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
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
    - a two-digit number and 1s
    - a two-digit number and 10s
    - 2 two-digit numbers
    - adding 3 one-digit numbers
- show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems

Geometry - Shape (2 weeks)

- identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line
- identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
- compare and sort common 2-D and 3-D shapes and everyday objects

Mental oral starter Moonwalk Maths	Money Recognising coins	Place Value 10s and 1s	Assessment Week	Addition and subtraction Word problems	Addition and subtraction Word problems	CHRISTMAS WEEK
Counting stick/non negotiable	Counting in 5s	Counting in 5s		Counting in 5s	Counting in 5s	
Main focus	Addition and Subtraction	Multiplication and division		Invesion of shape	Invesion of shape	

Term 3

Number – Multiplication and division (2 weeks)

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

Measure - time (2 weeks)

- compare and sequence intervals of time
- 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
- know the number of minutes in an hour and the number of hours in a day

Number - Fractions (2 weeks)

- 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
- write simple fractions, for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$

Mental oral starter Moonwalk Maths	Shape 2D shape	Shape 3D shape	Bonds to 10	Bonds to 20	Measure Capacity – full, empty, half full	Money Simple addition
Counting stick	Counting in 2s	Counting in 2s	Counting in 10s	Counting in 10s	Counting in 5s	Counting in 5s
Main focus	Multiplication and division	Multiplication and division	Time	Time	Fractions	Fractions

Term 4

Number – Multiplication and division
- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
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Measures - Money (2 weeks)
- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- find different combinations of coins that equal the same amounts of money
- solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

Statistics - Data (2 weeks)
- interpret and construct simple pictograms, tally charts, block diagrams and tables
- ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
- ask-and-answer questions about totalling and comparing categorical data

Mental oral starter Moonwalk Maths	Shape 2D shape	Shape 3D shape	ASSESSMENT WEEK	Bonds to 20	Measure Capacity – full, empty, half full	Money Simple addition
Counting stick	Counting in 2s	Counting in 2s		Counting in 10s	Counting in 5s	Counting in 5s
Main focus	Multiplication and division	Multiplication and division		Money	Money	Data

Term 5

Geometry- position and direction (1 week)
- order and arrange combinations of mathematical objects in patterns and sequences
- 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)

Measurement- Capacity and temperature (1 week)
- choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- compare and order lengths, mass, volume/capacity and record the results using >, < and =

Revision: 4 operations (3 weeks)

Number – Addition and subtraction
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
  - a two-digit number and 1s
  - a two-digit number and 10s
  - 2 two-digit numbers
  - adding 3 one-digit numbers
- show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot

recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems

Number – Multiplication and division
- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts

Mental oral starter Moonwalk Maths	Fractions	Money	Mixed four calculations	SATS	SATS
Counting stick	Counting in 2, 5s and 10s	Counting in 2, 5s and 10s	Counting in 2, 5s and 10s		
Main focus	Geometry Position and direction	Measurement Temperature and	Revision	Revision	Revision

| | | capacity | | | |
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Term 6
Evidence for WTS, EXS and GDS

Working towards	Expected standard	Greater Depth
read and write numbers in numerals up to 100 • partition a two-digit number into tens and ones to demonstrate an understanding of place value, though they may use structured resources1 to support them • add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus (e.g. 23 + 5; 46 + 20; 16 – 5; 88 – 30) • recall at least four of the six2 number bonds for 10 and reason about associated facts (e.g. 6 + 4 = 10 , therefore 4 + 6 = 10 and 10 – 6 = 4) • count in twos, fives and tens from 0 and use this to solve problems • know the value of different coins • name some common 2-D and 3-D shapes from a group of shapes or from pictures of the shapes and describe some of their properties (e.g. triangles, rectangles, squares, circles, cuboids, cubes, pyramids and spheres).	read scales* in divisions of ones, twos, fives and tens • partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus • add and subtract any 2 two-digit numbers using an efficient strategy, explaining their method verbally, in pictures or using apparatus (e.g. 48 + 35; 72 – 17) • recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships (e.g. If 7 + 3 = 10, then 17 + 3 = 20; if 7 – 3 = 4, then 17 – 3 = 14; leading to if 14 + 3 = 17, then 3 + 14 = 17, 17 – 14 = 3 and 17 – 3 = 14) • recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating an understanding of commutativity as necessary • identify 14, 13, 12, 24, 34, of a number or shape, and know that all parts must be equal parts of the whole • use different coins to make the same amount • read the time on a clock to the nearest 15 minutes • name and describe properties of 2-D and 3-D shapes, including number of sides, vertices, edges, faces and lines of symmetry.	• read scales* where not all numbers on the scale are given and estimate points in between • recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts • use reasoning about numbers and relationships to solve more complex problems and explain their thinking (e.g. 29 + 17 = 15 + 4 + ; 'together Jack and Sam have £14. Jack has £2 more than Sam. How much money does Sam have?' etc.) • solve unfamiliar word problems that involve more than one step (e.g. 'which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?') • read the time on a clock to the nearest 5 minutes • describe similarities and differences of 2-D and 3-D shapes, using their properties (e.g. that two different 2-D shapes both have only one line of symmetry; that a cube and a cuboid have

Mental oral starter Moonwalk Maths	Bonds to 100	Near bonds to 100	Temperature	Temperature	Symmetry	Shape 2D	Shape 3D	Tranisiton
Counting stick	Counting in 2, 5s and 10s Making links	Counting in 2, 5s and 10s Making links	Counting in 2, 5s and 10s Making links	Counting in 3s	Counting in 3s	Counting in 3s	Counting in 3s	
Main focus	Evidence gathering for teacher	Evidence gathering for teacher	Evidence gathering for teacher	Evidence gathering for teacher	Evidence gathering for teacher	Evidence gathering for teacher	Evidence gathering for teacher	