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At Connect2Learn, we believe brilliance isn't born – it's built. Our global learning platform is designed to empower every student with personalized, one-on-one education that nurtures skills, confidence, and curiosity. From core academics to creative and future-ready subjects, we connect passionate educators with young minds across the UK, Australia, and the US. With 5,000+ learners and a mission to reach 10,000 more, Connect2Learn is shaping a generation that's not just prepared for the future – but ready to lead it.

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MATHS BUILDERS

MODULE -1 NUMBERS WITHIN 100

NUMBERS WITHIN 100

- Partitioning 2-digit numbers (Part 1)
- Partitioning 2-digit numbers (Part 2)
- Comparing 2-digit numbers
- Identifying number patterns
- Exploring odd and even numbers (Part 1)
- Exploring odd and even numbers (Part 2)
- Revisiting numbers within 100

COMPOSITION OF MULTIPLES OF 10

- Explain that one ten is equivalent to ten ones
- Represent multiples of ten using their numerals and names
- Represent multiples of ten in an expression or an equation
- Estimate the position of multiples of ten on a 0 - 100 number line
- Use knowledge of facts and unitising to add and subtract multiples of ten
- Solve problems involving multiples of ten
- Solve problems involving multiples of ten in a range of contexts

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MATHS BUILDERS

MODULE -1 NUMBERS WITHIN 100

COUNTING AND REPRESENTING THE NUMBERS 20 TO 99

- Explore the counting sequence for counting to 100 and beyond
- Count groups of ten and extra ones
- Count a large group of objects by counting tens and ones
- Represent a number from 20 to 99
- Use a number line to position and estimate the numbers 20-99

COMPARING, ORDERING AND PARTITIONING 2-DIGIT NUMBERS

- Compare two-digit numbers
- Partition two digit numbers into tens and ones
- Represent addition and subtraction of tens and ones with equations
- Solve problems by adding and subtracting tens and ones

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MATHS BUILDERS

MODULE -2 ADDITION AND SUBTRACTION

SECURE FLUENCY OF ADDITION AND SUBTRACTION FACTS WITHIN 10

- Represent addition and subtraction facts within 10
- Recall one and two more or less than numbers to ten
- Recall doubles within 10
- Use near doubles within 10
- Use known addition and subtraction facts within 10 to solve problems

CALCULATING WITHIN 20

- Add three addends
- Explain that the addends can be added in any order
- Add three addends efficiently by finding two addends that total 10
- Add and subtract two numbers that bridge through 10
- Calculate the difference in different contexts
- Explain what the difference is between consecutive numbers
- Use knowledge of calculating within 20 to solve problems

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MATHS BUILDERS

MODULE -2 ADDITION AND SUBTRACTION

EXPLORING CALCULATION STRATEGIES

- Solving addition equations
- Solving subtraction equations
- Solving word problems
- Solving comparison word problems
- Adding two 2-digit numbers using the column method
- Subtracting 2-digit numbers

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MATHS BUILDERS

MODULE -3 MULTIPLICATION AND DIVISION

GROUPING OBJECTS IN DIFFERENT WAYS AND RELATING TO MULTIPLICATION

- Explain that objects can be grouped in different ways
- Represent equal groups as repeated addition and multiplication
- Explain and represent multiplication when a group contains zero or one items
- Use knowledge of multiplication to solve problems
- Use knowledge of multiplication to solve problems in a range of contexts

MULTIPLICATION AND DIVISION: 2, 5 AND 10

- Using the division symbol when sharing
- Using the division symbol when grouping
- Calculating multiplications of two by skip counting
- Solving multiplication word problems: Table of two
- Solving multiplication word problems: Table of five
- Calculating multiplication of fives by skip counting
- Calculating multiplications of ten by skip counting
- Solving multiplication and division problems

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MATHS BUILDERS

MODULE -3 MULTIPLICATION AND DIVISION

MULTIPLICATION AND DIVISION: 3 AND 4

- To recall the 3x table using skip counting
- To recall the 4x table using skip counting
- To know division facts for the 3x table
- To know division facts for the 4x table
- To identify multiples of 2, 3, 4, 5 and 10
- Consolidating and applying: Multiples of 2 and the relationship between the 2 and 4 times table

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MODULE -4 FRACTION

TIME: WRITE AND TELL THE TIME TO FIVE MINUTES

- Know the number of minutes in an hour and hours in a day
- Tell and write the time to five minutes past on a clock face
- Tell and write the time to five minutes past and to on a clock face
- Tell and write quarter past and quarter to on a clock face
- Compare and sequence intervals of time

FRACTIONS

- Relating halves and quarters to division
- Identifying halves, thirds and quarters of shape
- Identifying fractions of shape with different numerators
- Identifying unit fractions of quantity
- Identifying equivalent fractions

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MODULE -5 GEOMETRY AND MEASURE

SHAPE: DISCUSS AND COMPARE 2D AND 3D SHAPES

- Recognise and sort polygons
- Describe and name polygons, including triangles and quadrilaterals
- Describe, name and sort polygons, including pentagons, hexagons and octagons
- Lines of symmetry
- Describe and name 3D shapes
- Find different ways to sort 3D shapes

MONEY: RECOGNISE COINS AND USE £ AND P SYMBOLS

- Recognise and understand the value of different coins
- Recognise the value of 20 p, 50 p and £1 coins
- Explore combinations of coins that total the same amount
- Find the most efficient way to make a given value
- Solve problems including those involving giving change

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MATHS BUILDERS

MODULE -5 GEOMETRY AND MEASURE

POSITION AND DIRECTION

- Review of using mathematical language to describe position
- Use mathematical vocabulary to describe movement
- Describe turns as a quarter, half, three-quarter or full turn
- Solve problems involving position, direction and rotation
- Order and arrange objects in patterns and explain the patterns

SENSE OF MEASURE - CAPACITY, VOLUME AND MASS

- Length can be measured in any direction to give height, length and distance
- Length can be measured in metres and centimetres
- Mass can be measured in grams and kilograms
- Volume and capacity can be measured in litres and millilitres
- Temperature

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