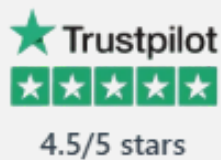


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MATHS ADVENTURERS

MODULE -1 PLACE VALUE

COUNTING RECOGNIZING AND COMPARING NUMBERS WITHIN 0-10

- Counting forwards and backwards within 10
- Counting objects within ten
- Using numerals
- Ordering numbers to 10
- Ordering of numbers (ascending and descending order)
- More than and fewer than
- Finding the missing numbers



COUNTING TO AND FROM 20

- Counting to and from 20
- Counting forward to 20 and back from 20
- Comparing numbers to 20
- Ordering numbers 11- 20 practically
- Comparing and ordering numbers 0-20 practically
- Finding the missing number from 0 to 20
- Number Names 1-20



MATHS ADVENTURERS

MODULE -1 PLACE VALUE

COUNTING IN TENS - DECADE NUMBERS

- Counting forwards and backwards in 10s to 50
- Counting forwards and backwards in 10s to 100
- Composition of decade numbers to 100: making groups of 10
- Count groups of 10 in decade numbers
- Order and compare decade numbers on number tracks



PATTERN IN COUNTING FROM 20 TO 100

- Counting patterns within a decade
- Crossing the tens boundary counting forwards and backwards
- Find missing numbers between 20 and 100



MATHS ADVENTURERS

MODULE -2 ADDITION AND SUBTRACTION

COMPOSITION OF NUMBERS 0 TO 5

- Partition numbers one to five in different ways
- Find a missing part when one part and the whole is known
- Show one more and one less than a number using representations
- Solve problems using a bar model to represent a whole partitioned into two parts



COMPOSITION OF NUMBERS 6 TO 10

- Represent the numbers 6 to 10 using a five and a bit structure
- Compare two numbers and say which is greater than or less than the other
- Explore the numbers 6 to 10 using the parts and wholes on a number line
- Partition the numbers 6 to 10 in different ways
- Order and sort numbers into odd and even sets
- Skip count in odds and evens
- Explain how even and odd numbers can be partitioned
- Identify a missing part when a whole is partitioned into two parts



MATHS ADVENTURERS

MODULE -2 ADDITION AND SUBTRACTION

COMPOSITION OF NUMBERS 11 TO 19

- Explain that the digits in the numbers 11 to 19 express quantity
- Explain that the digits in the numbers 11 to 19 express position on a number line
- Explore odd and even numbers within 20
- Use knowledge of addition and subtraction facts within 10 to add and subtract within 20



ADDITIVE STRUCTURES: ADDITION

- Combine parts using the addition symbol
- Add parts to find the value of the whole and write the equation
- Find the missing part in an equation
- Understand the relationship between addition and subtraction
- Understand addition as increasing a quantity



MATHS ADVENTURERS

MODULE -2 ADDITION AND SUBTRACTION

ADDITIVE STRUCTURES: ADDITION AND SUBTRACTION

- Interpret and represent addition stories
- Interpret and represent subtraction stories
- Create addition and subtraction stories
- Find the missing part in addition and subtraction stories
- Represent the inverse relationship between addition and subtraction



ADDITION AND SUBTRACTION FACTS WITHIN 10

- Use number pairs to 10 in subtraction contexts
- Add and subtract one from any number
- Add and subtract two from even numbers within 10
- Double numbers and explain what doubling means
- Halve numbers and explain what halving means
- Solve problems to add 5 and 3 and 6 and 3



MATHS ADVENTURERS

MODULE -2 ADDITION AND SUBTRACTION

UNITISING AND COIN RECOGNITION - VALUE OF A SET OF COINS

- Calculate the total value of a set of 2 p coins
- Calculate the total value of the coins in a set of 10p coins
- Compare sets of 2 p, 5 p, and 10 p coins
- Find and make amounts within 10p
- Calculate amounts up to 20 p



MATHS ADVENTURERS

MODULE -3 MULTIPLICATION AND DIVISION

UNITISING AND COIN RECOGNITION - COUNTING IN 2S, 5S AND 10S

- Skip count in twos forwards and backwards
- Count efficiently in groups of two, five and ten
- Recognise and explain the value of 2p
- Recognise and explain the value of 5p
- Recognise and explain the value of 10p



SOLVING PROBLEMS IN A RANGE OF CONTEXTS

- Combining and partitioning numbers within 10
- Addition and subtraction within 10
- Counting in multiples of two, five, ten



MATHS ADVENTURERS

MODULE -4 GEOMETRY AND MEASURES

COMPARING QUANTITIES - PART WHOLE RELATIONSHIPS

- Lines and plane shapes
- Explain that items can be compared using length and height
- Explain that items can be compared using weight and mass
- Explain that items can be compared using capacity
- Use a part-whole model to represent a whole partitioned into two parts
- Solve problems using a part-whole model to represent a whole partitioned into more than two parts



RECOGNISE, COMPOSE, DECOMPOSE AND MANIPULATE 2D AND 3D SHAPES

- Explore, recognise and compare three different 3D shapes
- Explore, recognise and compare three more 3D shapes
- Identify 2D shapes within 3D shapes
- Recognise, describe and sort 3D shapes
- Explore and recognise 2D shapes
- Explore, discuss and compare 2D shapes



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MODULE -4 GEOMETRY AND MEASURES

TIME - SEQUENCING EVENTS AND TELLING THE TIME TO THE HOUR AND HALF HOUR

- Sequence everyday events in chronological order
- Use language relating to days of the week
- Sequence events across a week in chronological order
- Use language relating to months of the year
- Use language relating to days, weeks, months and years
- Draw and label a clock face talking about the hours
- Tell the time to the hour using the hour hand
- Tell the time to the half hour using the hour hand
- Tell the time to the hour and half hour using the hour and minute hands



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MODULE -5 FRACTIONS

POSITION AND DIRECTION INCLUDING FRACTIONS OF TURNS

- Using directional language
- Using positional and proportional language
- Understanding turns
- Giving directions and describing turns
- Follow and give directions



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