

Young Mathematicians Topics

2 year course

(Age guide 5 – 7)

Autumn 1:
Week 1 - Place Value and Number formation
Week 2 - Addition and Subtraction (No Bonds)
Week 3 - 2s, 5s and 10s
Week 4 - Counting back (from 30)
Week 5 - Counting to 100, 1 more 1 less
Week 6 - Ordinals
Week 7 - Number facts to add and subtract 10s and 1s
Week 8 - Units of time
Week 9 - Time (quarters and half)
Week 10 - Measure of lengths
Week 11 - Adding / Subtracting Money values
Week 12 - Money and Change
Week 13 - Pictograms
Week 14 - Data tables
Week 15 - Christmas fun recap

Spring 1:
Week 1 - Column Addition
Week 2 - Reasoning Problems
Week 3 - Column Subtraction
Week 4 - Column Methods (Mixed Operations)
Week 5 - Multiplication 1
Week 6 - Multiplication 2
Week 7 - Division
Week 8 - Shape
Week 9 - Measurement (Length & Height)
Week 10 - Fractions of Shape
Week 11 - Fractions of Number
Week 12 - Patterns & Sequences
Week 13 - END OF TERM FUN
Week 14 - If Plus 1 week in term, ad hoc session added on based on prior session performance of class.

Summer 1:
Week 1 - 100 Squares & Number Bonds to 20

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Week 2 - Number of the Day & Bonds to 20
Week 3 - Days of the Week & Inverses
Week 4 - Inverses & Halves / Doubles
Week 5 - Part-Whole Models & Bar Models
Week 6 - Days of the Week, Months of Year & Ordinal Number Intro
Week 7 - Ordinals & Column Addition
Week 8 - Column Addition & Column Subtraction
Week 9 - Column Subtraction & Position & Direction
Week 10 - Position & Direction & More Than/Less Than
Week 11 - More Than / Less Than & Number Puzzles
Week 12 - Fractions of Shape & Number 1
Week 13 - Fractions of Shape & Number 2 & Operation INTRO
Week 14 - Operations & Time
Week 15 - Time

Autumn 2:

Week 1 - Numbers (say and identify)
Week 2 - Comparing Numbers Symbols for More/Less Than
Week 3 - Odd & Evens
Week 4 - Recognising Money & Writing
Week 5 - Money (Adding Coins)
Week 6 - Money (Adding & Simple Change)
Week 7 - Money (Simple Change 10p 50p £1)
Week 8 - Dividing (into pots)
Week 9 - Simple Fractions of a Whole
Week 10 - Addition
Week 11 - Subtraction
Week 12 - Pictograms
Week 13 - Tally Charts
Week 14 - Data Tables
Week 15 - Number Games
Week 16 - Christmas Special!

Spring 2:

Week 1 - Numbers Beyond 99
Week 2 - Units of Measurement (Lengths)

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Week 3 - Units of Measurement (Temperature)
Week 4 - Column Addition 1
Week 5 - Column Addition 2
Week 6 - Multiplying
Week 7 - Dividing
Week 8 - Money (£ and Notes)
Week 9 - Adding Pounds (£)
Week 10 - Subtraction
Week 11 - Fractions
Week 12 - Fractions of Number
Week 13 - Patterns & Sequences (Scheme +1 if needed)
Week 14 - FUN QUIZ

Summer 2:
Week 1 - Patterns & Sequences
Week 2 - Block Diagrams
Week 3 - Capacity
Week 4 - More Than / Less Than
Week 5 - Fractions of a Length
Week 6 - Right Angles (as fractions)
Week 7 - Time (introduction)
Week 8 - Time & 5-Minute Intervals
Week 9 - Mass
Week 10 - Addition & Subtraction
Week 11 - Arrays & Multiplication
Week 12 - Multiplication & Worded Problems
Week 13 - Division
Week 14 - FINAL FUN QUIZ!