

CRACKMATHS

Pass Maths Action Plan 2026/27

Autumn Term: Topics 1-70 - Functional Skills Maths Level 2

Spring Term: Topics 71-140 - remaining Foundation GCSE Maths content

Summer Term: GCSE exam preparation, past-paper practice and revision

Programme: Five topics per teaching week. School holiday weeks are shown separately with no live lesson.

AUTUMN TERM - FUNCTIONAL SKILLS MATHS LEVEL 2

Week	Live Lesson	Exam Style Questions	Weekly goals
1	7 September	Introduction	1. List numbers in size order 2. Add large numbers without a calculator 3. Multiply large numbers without a calculator 4. Subtract large numbers without a calculator 5. Divide large numbers without a calculator
2	14 September	Topics 1-5	6. Make sensible estimates by rounding 7. Substitute numbers into formula 8. Convert fractions into decimals 9. Turn percentages into fractions and decimals 10. Turn decimals into fractions and percentages
3	21 September	Topics 6-10	11. Calculate a percentage of an amount 12. Express one number as a percentage of another 13. Calculate percentage change 14. Reverse percentage 15. Simplify fractions
4	28 September	Topics 11-15	16. Switch between improper fractions and mixed numbers 17. Calculate a fraction of a specific amount 18. Add, subtract, multiply and divide fractions 19. Write one number as a fraction of another 20. Write decimals in size order
5	5 October	Topics 16-20	21. Add and subtract decimals without a calculator 22. Multiply decimals without a calculator 23. Divide decimals without a calculator 24. Inverse proportion 25. Direct proportion
6	12 October	Topics 21-25	26. Share amounts into given ratios 27. Find the total amount when given a ratio part 28. Write a ratio as 1:n 29. Write a ratio in its simplest form 30. Multiply, divide, add and subtract in the correct order

Week	Live Lesson	Exam Style Questions	Weekly goals
7	19 October	Topics 26-30	31. Use brackets and indices in calculations 32. Calculate compound interest 33. Save money in equal installments 34. Calculate amounts of money 35. Solve problems involving tax
	26 October	HALF TERM	No live lesson
8	2 November	Topics 31-35	36. Convert between metric and imperial units of length 37. Convert between metric and imperial units of volume 38. Convert between metric and imperial units of weight 39. Conversion graphs 40. Speed, distance and time
9	9 November	Topics 36-40	41. Rates of pay 42. Calculate the area of a triangle 43. Calculate the circumference of a circle 44. Calculate the area of a circle 45. Calculate the area of compound shapes
10	16 November	Topics 41-45	46. Calculate the perimeter of compound shapes 47. Use formulas to calculate the volume of 3D shapes 48. Find the volume of a triangular prism 49. Calculate the volume of a cylinder 50. Calculate the surface area of a cylinder
11	23 November	Topics 46-50	51. Find the surface area of a cuboid 52. Calculate the real length from a scale drawing 53. Make a scale diagram from actual measurements 54. Plot coordinates on a coordinate grid 55. Recognise 2D interpretations of 3D shapes
12	30 November	Topics 51-55	56. Connect 3D shapes with front, side and plan views 57. Calculate missing angles around a point 58. Calculate missing angles inside triangles and quadrilaterals 59. Identify the scale on a graph 60. Identify the mode from a collection of data
13	7 December	Topics 56-60	61. Identify the median from a collection of data 62. Calculate the mean from a set of data 63. Estimate the mean from a grouped frequency table 64. Compare two data sets using the median and range 65. Calculate probability from a two-way table
14	14 December	Topics 61-65	66. Calculate probability from a probability tree 67. Completing a two-way table 68. Calculate the probability of something not happening 69. Identify correlation on a scatter graph 70. Make estimates using a scatter graph
15	21 December	Topics 66-70	Past paper videos / walkthroughs

SPRING TERM - FOUNDATION GCSE EXTRA CONTENT

Week	Live Lesson	Exam Style Questions	Weekly goals
16	4 January	GCSE launch	71. Using Mathematical Symbols 72. Number Skills: Rounding (Error Intervals) 73. Powers and Roots 74. Types of Number: Square Numbers and Cube Numbers 75. Types of Number: Irrational Numbers (Exact Answers)
17	11 January	Topics 71-75	76. Types of Numbers: Negative Numbers (+, -, x, ÷) 77. Types of Number: Reciprocals 78. Types of Number: Prime Numbers 79. Types of Number: Factors and Multiples 80. Types of Numbers: Prime Factors
18	18 January	Topics 76-80	81. Multiplying and Dividing by 10, 100, and 1000 82. Standard Index Form 83. Growth and Decay 84. Substitution 85. Collecting Like Terms
19	25 January	Topics 81-85	86. Expanding Single Brackets 87. Factorising Single Brackets 88. Indices - Multiply and Dividing 89. Indices - Negatives 90. Indices - Brackets
20	1 February	Topics 86-90	91. Rearranging Formula 92. Solving Linear Equations 93. Solving Linear Equations with division 94. Setting up and Solving Equations 95. Solving Simultaneous Equations
21	8 February	Topics 91-95	96. Linear Graphs - Plotting 97. Linear graphs - Finding the Midpoint 98. Linear graphs - Equation of a Line 99. Solving Inequalities 100. Sequences - Term to Term Rules
	15 February	HALF TERM	No live lesson
22	22 February	Topics 96-100	101. Sequences - The nth Term 102. Sequences - Additional Questions 103. Function Machines 104. Expanding Double Brackets 105. Factoring Quadratic Expressions
23	1 March	Topics 101-105	106. Difference of the Squares 107. Solving Quadratic Equations 108. Plotting Quadratic Graphs 109. Combining Ratios 110. Converting Ratios into Equations

Week	Live Lesson	Exam Style Questions	Weekly goals
24	8 March	Topics 106-110	111. Compound Measure - DMV - PFM 112. Real Life Graphs - Distance/Time - Speed/Time 113. Real life graphs - Rates of Change 114. Symmetry and Rotational Symmetry 115. Angles in Parallel Lines
25	15 March	Topics 111-115	116. Angles in Polygons - Exterior and Interior 117. Bearings 118. Constructions 119. Loci 120. Congruency
26	22 March	Topics 116-120	121. Similar Shapes 122. Area of Sector 123. Arc Lengths 124. Pythagoras Theorem - Finding the hypotenuse 125. Pythagoras Theorem - Finding a short side
	29 March	EASTER HOLIDAY	No live lesson
	5 April	EASTER HOLIDAY	No live lesson
27	12 April	Topics 121-125	126. Trigonometry - finding the side 127. Trigonometry - Finding the angle 128. Transformations - Vectors 129. Transformations - Enlargement 130. Transformations - Reflection
28	19 April	Topics 126-130	131. Transformation - Rotations 132. Probability - Sample Space Diagrams 133. Probability - Set Notation and Venn diagrams 134. Probability - Tree Diagrams - Conditional probability 135. Averages - Mean from a Data Table
29	26 April	Topics 131-135	136. Diagrams - Tally Chart and Frequency Tables 137. Diagrams - Plotting a Bar Chart 138. Diagrams: Pictograms 139. Diagrams: Pie Charts - Drawing 140. Diagrams: Pie Charts - Reading From

SUMMER TERM - GCSE EXAM PREPARATION

Week	Live Lesson	Topics	Weekly goals
	3 May	BANK HOLIDAY	No live lesson
30	10 May	Topics 136-140	Paper 1 preparation: non-calculator skills, mixed questions and exam technique
31	17 May	Paper 1 revision	Targeted Paper 1 practice and common Foundation Grade 4-5 questions
32	24 May	Paper 1 follow-up	Review Paper 1 themes and begin calculator-paper preparation
	31 May	HALF TERM	No live lesson
33	7 June	Paper 2 preparation	Calculator paper practice, problem solving and exam technique
34	14 June	Paper 3 preparation	Final calculator-paper practice and key-topic revision
35	21 June	Course wrap-up	Final exam support, next steps and qualification pathways

Course milestone: Topic 70 is completed by Christmas; Topic 140 is completed by 26 April, leaving the summer term for GCSE exam preparation.