

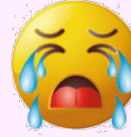



11+ Maths Topic Checklist

11+ Topics				
2D shapes – names and properties				
3D shapes – names, properties, nets, faces, vertices and edges				
Algebra – collecting like terms (adding and multiplying)				
Algebra – number substitutions				
Algebra – solving equations				
Algebra - forming and solving equations				
Angles – names and calculations				
Area				
Bar charts				
Basic calculations– adding, subtracting, multiplying and dividing whole numbers				
BIDMAS/BODMAS				
Circles – area and perimeter				
Coordinates				
Decimals – addition, subtraction, multiplication and division				
Estimation				
Exchange rates				
Factors and Multiples				
Fractions – adding, subtracting, multiplying and dividing				
Fractions of an amount				
Fractions- writing, simplifying and ordering				
Fractions – shading				
Fractions - equivalent				
Fractions, decimals and percentages (converting between)				
Function machines				
HCF and LCM				
Inequalities – notation, comparing and representing on a number line				
Mean, median, mode and range				
Negative numbers				
Magic triangles/squares/pyramids				
Measurements and Conversions				
Perimeter				
Percentage change				
Percentages- finding percentages of amounts				
Percentages – increase/decrease by an amount				
Percentages – repeated percentage change				
Percentages – reverse percentages				
Pictograms				
Pie charts				
Place value				
Plans and elevations				
Position and direction				
Powers and roots				
Prime factor trees				
Probability				
Product rule for counting				
Proportion – recipes and ingredients				
Ratio – writing as a fraction and simplifying				
Ratio – sharing				
Reading scales				
Rounding				
Scale drawings				
Sequences - generating arithmetic, geometric, triangular, square and Fibonacci				
Sequences - nth term				
Special numbers				
Speed, distance, time				
Time (adding, subtracting, clock hand angles and gaining/losing time)				
Shapes (reflections, rotations, symmetry and translations)				
Two-way tables				
Venn diagrams				
Volume				

Word Problems

Word Problems				
Age				
Algebra				
Best Buy (including buy one get one free questions)				
Fitting, sharing and remainder				
Fractions				
Giving Money				
Lowest Common Multiple				
Logic/Puzzles				
Money				
Percentages				
Ratio, proportion and equivalences				
Sums and Differences				
Time				
Trial and error				
Two-way tables				
Work and jobs				