

BJC Syllabus Topics

Topic in BJC Syllabus	Is topic in school scheme	Can I do exam problems in this topic January	Can I do exam problems in this topic March
Whole numbers : primes, squares, cubes, factors, multiples, square roots, indices			
Whole number patterns and sequences			
Vulgar and decimal fractions and percentages			
Percentage of a sum of money, express one quantity as a percentage of another			
The four rules applied to whole numbers and decimals and fractions			
Directed numbers			
Elementary ideas on ratios			
Direct and indirect proportion			
Linear Scales on maps etc			
Estimation and approximation to obtain reasonable answers			
Sets and their relationships			
Measures of length, area volume and capacity in current units.			
24 and 12 hour clocks			
Foreign currency			
Consumer mathematics			
Recognize lines of symmetry in two dimensions			
Properties of triangles quadrilaterals, circles, regular polygons			
Perimeter of regular and irregular polygons			
Circle circumference, area			
Perimeter and area of regular shapes			

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Volumes of cubes and cuboids			
Classification of statistical data reading interpreting and making simple inference inferences from tables and statistical diagrams			
Measures of central tendency (mean, median, mode)			
Probability			
Ordering by magnitude ie $<$, $>$, \leq , \geq			
The use of letters for generalized numbers			
Substitution of numbers for words and letters in formulae			
Solution of linear equations in one on known			
Coordinate Geometry Graph plotting and shading			
Interpretation of graphs in relevant situations			
Geometrical terms			
Vocabulary of triangles quadrilaterals in circles			
Angle properties of triangles and quadrilaterals			
Measurement of lines and angles			
Constructions			
Transformations			