

Updated June 8th

Exam Tips for Junior Cert

Paper 2 Active Maths and Area & Volume in Text & Tests 1 for ordinary level

Remember anything with a red line beside it in Active Maths means its higher level

The following are Both Higher and Ordinary Level Topics:

***Make Sure You Look Over The Exam Paper 2 Questions For The Last 3 Years At Least**

Ch1 & 7 Statistics All chapters in Active maths

- Make sure you can draw a stem & leaf plot
- Make sure you can read a stem & leaf plot
- Go over drawing Tree Diagrams
- Go over the "types of Data", primary, secondary, numerical and categorical.
- How best to design a questionnaire or run a survey page 6+7
- Know what the Mean, Median, Mode and how to calculate them all - Go over All of Chapter 7

Chapter 3 Probability Active Maths go over the examples in the chapter.

Chapter 10 Co-Ordinate Geometry Active Maths

- Go over using midpoint, slope, distance, equation of a line formulae.

NB go over parallel and perpendicular slopes of lines pg 306, 307

Remember All Formulae are in Log Tables

- Equations in the form $y=mx+c$

Transformation Geometry know the different types of Symmetry; x and y axial symmetry, central symmetry, translation symmetry

Chapter 10 Area & Volume **TEXT & TESTS 1**

- Learn rectangle and square area, perimeter & volume formulae as they are **NOT** in log tables
- Go over use of Pythagoras to find side of a triangle
- Know circle (length + area), sphere, cylinder formulae in log book.
- Geometry Active Maths go over the different types of Angles
- Go over the constructions we did in class
- Learn the Theorem Proofs from page 364 onwards.

Constructions Chapter 6 Active Maths

Please practice them all.

Chapter 11 Trigonometry

- Look over the examples and the exam Questions

Chapter 4,5,8 Geometry

Know the different types of angles and triangles and how to show triangles are **CONGRUENT Pg 224-225**