Updated June 8th

Exam Tips for Junior Cert

Paper 2 <u>Active Maths</u> and <u>Area & Volume</u> in Text & Tests 2 (and 1 for ordinary level)

Both Higher and Ordinary Level Topics:

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

<u>Ch1 & 7</u>   <u>Statistics</u>   <u>All chapters in Active maths</u>

➤   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 Interquartile Range are and   how to calculate them all – **<u>Go over All of Chapter 7</u>**

<u>Chapter 3</u>   <u>Probability</u> Active Maths go over the examples in the chapter.

<u>Chapter 10</u>   <u>Co-Ordinate Geometry Active Maths</u>

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

NB go over parallel and perpendicular slops 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 <mark>TEXT & TESTS 2</mark>

➢ Learn rectangle and square area, perimeter & volume formulae as they are **NOT** in log tables

 Go over use of Pythagoras to find slant height (l), radius (r) or height(h) of a **CONE**

 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