



## SESSION 1-5

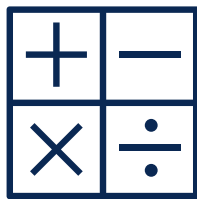
1. Algebra and Functions Strand / Algebra and Patterns notes / Evaluating / Factorising – HCF and grouping
2. Algebra / Factorising – Difference of two squares, Quadratic trinomials / Algebra fractions
3. Algebra / Solving equations / Linear equations / Quadratic equations
4. Algebra / Solving equations / Simultaneous equations
5. Algebra / Inequalities / Order of operations and changing the subject of the formula

## SESSION 29

### 29. Sets

## SESSION 24-28

24. The Line – Exam Questions
25. The Line / Trigonometry – Pythagoras, Trigonometry Functions
26. Trigonometry Exam Questions
27. Trigonometry, Number Strand
28. Area and Volume



# MATHS

## 3RD YEAR

## SESSION 6-8

6. Algebra / Divide quadratic and cubic expressions by linear expressions / Area models / Rules of Indices
7. Algebra Exam Questions
8. Number Patterns / Linear Patterns / Quadratic Patterns / General term of a linear and quadratic / Exponential

## SESSION 9-11

9. Number Patterns Exam Questions
10. Introduction to functions and graphs / Graphing linear and quadratics / Finding coefficients of functions
11. Axis of symmetry / Using graphs to find solutions to  $f(x) < g(x)$  and  $f(x) = g(x)$  / Quadratic real life graphs

## SESSION 12-14

12. Exponential functions / Functions and graphs exam questions
13. Functions and graphs exam questions
14. Statistics / Collecting Data / Theory / Central Tendency and Range / Displaying Data

## SESSION 15-18

15. Displaying Data / Frequency Tables / Misuses of Statistic / Exam Questions
16. Statistics Exam Questions
17. Statistics Exam Questions / Probability / Probability Scale / Sample Space / Relative Frequency / Fundamental Principle of Counting
18. Probability Exam Questions

## SESSION 19-23

19. Geometry / Theorems / Axioms / Congruent Triangles / Similar Triangles
20. Geometry / Circles / Terms / Symmetry / Transformations / Constructions
21. Geometry Exam Questions
22. The Line – Distance, Mid-point, slope, equation, parallel and perpendicular line
23. The Line – Exam Questions