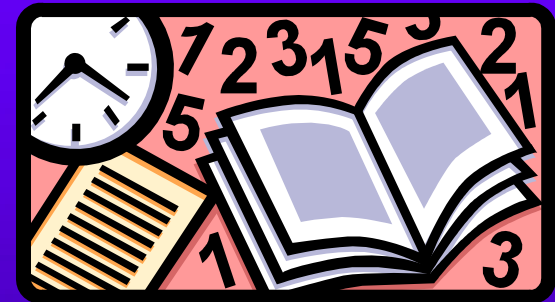



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS



Introduction :




- ◆ Mathematics is a very important subject for higher education. Pupils need to pass Math to get into a Polytechnic.



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS


- ◆ Pupils need to work consistently in this subject as knowledge is built onto previous knowledge.
- ◆ If your child is not hardworking or is less able or has no interest in Math, we advise him/her **NOT** to do Additional Mathematics.



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS

Benefits :


- ◆ Additional Math is needed if pupils want to do H2 Mathematics in Junior College.
- ◆ Additional Math is useful in Polytechnic (feedback from lecturers and students in the Polytechnic).



Secondary Two Subject Combination Talk On Additional Mathematics

E.g. of Courses in Polytechnic

- ◆ School of Business & Accountancy
- ◆ School of Engineering
- ◆ School of Health Sciences
- ◆ School of Infocomm Technology
- ◆ School of Life Sciences & Chemical
Technology




SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS

Guide:




- ◆ Obtain **70** marks and above for the combined score in Mathematics.



**SECONDARY TWO
SUBJECT COMBINATION TALK
ON
ADDITIONAL MATHEMATICS**


‘N’ Level Additional Mathematics :

- ◆ Selected Secondary Two Normal Academic students will be offered Additional Mathematics.



SECONDARY TWO
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ADDITIONAL MATHEMATICS

**GCE O Level Mathematics And
Additional Mathematic for Sec 4N**



SECONDARY TWO
SUBJECT COMBINATION
TALK ON
ADDITIONAL MATHEMATICS

Content Outline - Algebra


- ◆ Quadratic Equations & Inequalities
- ◆ Indices & Surds
- ◆ Polynomials
- ◆ Simultaneous Equations in two unknowns
- ◆ Partial Fractions
- ◆ Binomial Expansions
- ◆ Exponential, logarithmic & modulus functions



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS


Content Outline – Geometry & Trigonometry

- ◆ Trigonometric Functions, Identities & Equations.
- ◆ Coordinate Geometry in 2 dimensions
- ◆ Proof in Plane Geometry



SECONDARY TWO
SUBJECT COMBINATION
TALK ON
ADDITIONAL MATHEMATICS
Content Outline - Calculus


- ◆ Differentiation & Integration



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS

Scheme of Assessment

- ◆ Paper 1 - 2 hours consisting of 11- 13 questions.
- ◆ Paper 2 – 2.5 hours consisting of 9 – 11 questions.
- ◆ Answer ALL questions for both papers.



SECONDARY TWO SUBJECT COMBINATION TALK ON ADDITIONAL MATHEMATICS

Conclusion :

- ◆ Interest
- ◆ Perseverance
- ◆ Drive/Hardwork
- ◆ Commitment
- ◆ Discipline

