

ST. FRANCIS TUITION

LOWER SECONDARY ENGLISH TUITION

The English tuition programme will cover Composition & Situational Writing, Comprehension & Summary and Oral Skills (to be taught nearer to the date of examination). All these skills are essential and are taught so as to prepare our students for the O level Examinations eventually.

Students will be given assignments to do and their written work will be marked, graded and feedback will be given on how to help the student do better

LOWER SECONDARY MATHEMATICS

The classes are taught based on the latest syllabus for Lower Secondary. In this course, students will be taught mathematical formulae, concepts & terms, logical reasoning, construction of graphs, diagrams & figures as well as thinking & problem solving skills during tutorials by our experienced and qualified educators. There will be homework, practice tests and revision.

The Lower Secondary Mathematics has 2 levels:

Secondary 1 and 2 classes.

Topics covered in Secondary 1 Mathematics:

- * Whole Numbers, Real Numbers & Integers
- * Simple Inequalities
- * Factors & Multiples
- * Fractions & Decimals
- * Estimation & Approximation
- * Number Sequences & Patterns
- * Basic Algebra & Algebraic Equations
- * Linear Graphs & Functions
- * Area & Perimeter of 2-Dimensional Figures
- * Volume & Surface Area
- * Rate, Ratio & Proportion
- * Percentage
- * Arithmetic Problems
- * Basic Geometry
- * Angles of Triangles & Polygons
- * Data Analysis & Statistics

Topics covered in Secondary 2 Mathematics:

- * Rate, Ratio & Proportion
- * Similar & Congruent Triangles
- * Expansion & Factorisation of Algebraic Expressions
- * Solving Quadratic Equations
- * Algebraic Manipulation & Formulae
- * Solving Simultaneous Equations
- * Linear Graphs & Functions
- * Graphical Methods of Solving Equations
- * Pythagoras' Theorem
- * Volume
- * Data Analysis & Graphs
- * Set & Notation
- * Probability

'O' LEVEL ENGLISH

Students will be taught Composition & Situational Writing, Comprehension & Summary and Oral Skills. There will be opportunities in class for students to learn and practice their English through listening, speaking, reading and writing. All these skills are essential and are taught so as to prepare all our students for the O level.

Composition & Situational Writing:

- narrative writing
- descriptive writing
- expository writing
- argumentative essays

Comprehension & Summary:

Students will learn how to answer more challenging questions, in particular questions that require students to infer or write in their own words. They will also be given the chance to hone their summary skills as well as improve in their time management skills.

Oral Skills (this is covered more extensively nearer the date of the students' oral examination):

The components of the Oral examination for the Lower and Upper Secondary levels are the same.

Students will be taught how to read a given text with diction and expression. They will also be shown the techniques of how to describe and interpret a given picture or photograph. Students will also learn how to engage in a conversation confidently, coherently and fluently.

“O” LEVEL ELEMENTARY MATHEMATICS

The classes are taught based on the latest O Level syllabus. In this course, students will be taught mathematical formulae, concepts & terms, logical reasoning, construction of graphs, diagrams & figures as well as thinking & problem solving skills during tutorials by our experienced and qualified educators. There will be homework, practice tests and revision.

The Upper Secondary/ “O” Level Elementary Mathematics has 2 levels:

Secondary 3 and 4 classes.

Topics covered in O Level Elementary Mathematics:

- * Indices & Standard Form
- * Quadratic Equations
- * Linear Inequalities
- * Congruent & Similar Triangles
- * Functions & Graphs
- * Circles, Arc Length & Sector Area
- * Trigonometry & its Application
- * Graphs & Functions
- * Co-ordinate Geometry
- * Statistics
- * Everyday Mathematics
- * Variation
- * Transformation
- * 2-Dimensional Vectors
- * Relative Velocity
- * Matrices

“O” LEVEL ADDITIONAL MATHEMATICS

The classes are taught based on the latest O Level syllabus. There will be homework, practice tests and revision.

The Upper Secondary/ “O” Level Additional Mathematics has 2 levels:

Secondary 3 and 4 classes.

Topics in O Level Additional Mathematics:

- Solving Simultaneous Equations
 - * Quadratic Equations, Inequalities & Roots of Equations
 - * Remainder & Factor Theorem
 - * Partial Fractions
 - * Surds & Indices
 - * Exponential Equations & Logarithms
 - * Modulus Functions & Graphs
 - * Co-ordinate Geometry
 - * Linear Law
 - * Binomial Theorem
 - * Trigonometric Functions & Equations
 - * Plane Geometry
 - * Differentiation
 - * Integration