

MATHEMATICS

Brief Description of Course

Primary Mathematics curriculum focuses on providing students with essential mathematical skills and knowledge in the area of Number and Algebra, Measurement and Geometry, and Statistics and Probability. Mathematical lessons emphasise the importance of using concrete materials and making Mathematics relevant to everyday situations, in order to understand its relationship to daily life.

General Aims and Objectives

- For the students to develop the ability to measure, estimate, make, investigate and calculate
- To recognise ways in which numbers and the concept of measurement are used everyday
- To develop speed and accuracy in basic number facts

Topics

- Number and Algebra
- Problem-Solving
- Statistics and Probability
- Measurement and Geometry
- Shapes
- Position and location
- Symmetry
- Graphs

Secondary Mathematics students continue mastery of learning incorporating skills practice, standard applications, extended problem solving, project work and testing. They are also given Times Tables practice, Maths Mates Sheets, and use computer software to enhance their learning.

General Aims and Objectives

- To develop each student to their fullest mathematical potential.
- To appreciate the historical development of Mathematical concepts.
- To develop understanding of the concepts of number and space and their inter-relationships.
- To deepen awareness and understanding of mathematics as a functional tool in solving everyday problems.