

MATHEMATICS

POLICY

Rationale:

- Mathematics is integral to all aspects of our lives - as citizens, in our homes and in the workplace. It has applications in all human activities. It crosses cultural and linguistic boundaries to provide a universal way of solving problems. Competence in mathematics is integral to successful participation in modern society.

Aims:

- Students will acquire and develop mathematical skills and knowledge so they can deal confidently and competently with daily life and understand the dynamic role of mathematics in social and technological change
- Students will interpret and communicate their mathematical understandings
- Students will use technology appropriately and effectively to support the learning of mathematics, and in carrying out mathematical activities in context
- Students will receive 5 hours of maths sessions per week when possible
- All students will know the learning focus of each maths lesson
- All maths lessons, across the school, will follow the same structure
- Students will improve their automatic response of number facts
- Student learning will be monitored and tracked
- Students will be mathematically challenged within and beyond their range of ability

Implementation:

- All students at our school will study a sequential Mathematics course based upon the standards contained within the Victorian Essential Learning Standards (VELS)
- Teachers are required to follow the school's scope and sequence which will be reviewed as the school's needs change
- Teachers will explicitly state/ record the lesson's learning focus prior to the launch component
- The school will follow the Early Years Numeracy approach and all maths lesson structures will comprise of a warm up, launch, explore and summarise component
- Mathematical activities will be differentiated according to students' needs
- The development of students' number fact knowledge will be included as part of each lesson
- Teachers will implement the school assessment schedule (for mathematics) and conduct pre/ post tests for each mathematical concept studied

Evaluation:

- This policy will be reviewed every three years.

Ratified by School Council on 11th August, 2010

