

MATHEMATICS

POLICY

Rationale:

- Mathematics pervades all aspects of our lives - as citizens, in our homes and in the workplace. It has applications in all human activities, crossing cultural and linguistic boundaries to provide a universal way of solving problems in such diverse areas as science and engineering, business and finance, technology, arts and crafts and many everyday activities. Competence in mathematics is integral to successful participation in modern society.

Aims:

Mathematics aims to ensure that students: -

- are confident, creative users and communicators of mathematics, able to investigate, represent and interpret situations in their personal and work lives and as active citizens
- develop an increasingly sophisticated understanding of mathematical concepts and fluency with processes, and are able to pose and solve problems and reason in *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*
- recognise connections between the areas of mathematics and other disciplines and appreciate mathematics as an accessible and enjoyable discipline to study.

Implementation:

- Mathematics is an essential learning area of the Australian Curriculum.
- All Prep to Year 6 students at our school will study a sequential Mathematics course based upon the content descriptions contained within the Australian Curriculum.
- All teachers are required to work with their respective professional learning teams, sections and faculties to contribute to the development and implementation of a viable, guaranteed and sequential Mathematics course for all students and to implement student needs based lessons using agreed planning templates, assessment tools and lesson structures.
- The school will appoint a Mathematics coordinator who will coordinate the development and implementation of Mathematics across our school.
- Student's individual abilities will be measured and reported against the expected Australian Curriculum achievement standards, particularly at the commencement of each unit of work, and learning opportunities must be provided that cater for the identified needs of each student.
- Student progress in Mathematics will be reported in half and end of year academic reports, as well as the school's Annual Report.
- Mathematics study for each student will be not less than 5 hours per week, consisting of 5 x 1 hour uninterrupted numeracy blocks time-tabled for each school day.
- Budgets that provide for the needs of the Mathematics program will be developed by the Mathematics coordinator in consultation with all staff members and resourced by school council.

Evaluation:

- This policy will be reviewed as part of the school's three-year review cycle.

This policy was last ratified by School Council on....

November 2014