

Policy Document

MATHEMATICS

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.

Objectives

Through learning mathematics in school, students will: -

- demonstrate useful mathematical and numeracy skills for successful general employment and functioning in society
- solve practical problems with mathematics, especially industry and work-based problems
- develop specialist knowledge in maths that provides for further study in the discipline
- see mathematical connections and be able to apply mathematical concepts, skills and processes in posing and solving mathematical problems
- be confident in one's personal knowledge of mathematics, to feel able both to apply it, and to acquire new knowledge and skills when needed
- be empowered through knowledge of mathematics as a numerate citizen, able to apply this knowledge critically in societal and political contexts
- develop understanding of the role of mathematics in life, society and work; the role of maths in history; and maths as a discipline – its big ideas, history, aesthetics & philosophy.

Implementation

- The Mathematics domain is an essential component of the Discipline-based Learning strand of AusVELS..
- All students at our school will study a sequential Mathematics course based upon the learning foci contained within the AusVELS standards.
- The school will fully implement the Early Years Numeracy Program in years prep – 4.
- Student's individual abilities must be measured 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 all dimensions of Mathematics covered in each semester will be reported in half and end of year academic reports, as well as be reported in the school's annual report.
- Mathematics study for each student will be not less than 5 hours per week.
- Mathematical activities that reflect the topics being studied at school, and are appropriate to each child's ability, will form a regular component of each student's homework regime.

Evaluation

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



Policy Document

Ratification

Ratified by School Council:

School Council President: Glen Noble

Principal: Anne McPhee