

# Mathematics Policy

## 1. RATIONALE

An understanding in mathematics is essential to effectively participate in our society. A quality Numeracy program develops skills and the ability to apply them in real life.

## 2. GOALS

The Mathematics program aims to:

- 2.1 maximise mathematical potential by providing a sequential understanding of mathematical concepts; number, measurement, data, chance and space.
- 2.2 develop an understanding which enables students to reflect and share their mathematical thinking and strategies.
- 2.3 provide challenging, open ended investigations that engage students of all abilities.

## 3. IMPLEMENTATION

- 3.1 The school Mathematics curriculum is based on the Victorian Curriculum F-10 for Mathematics. It is organised around the content strands: Number and Algebra, Geometry and Measurement, and Statistics and Probability, and the four proficiency strands: Understanding, Fluency, Problem Solving and Reasoning.
- 3.2 Teachers will devise the yearly planners using the Victorian Curriculum F-10 prescribed content and achievement standards, activities, resources and progression points.
- 3.3 Student instruction will be at least 5 hours per week. Each of the content strands will be covered within these lessons.
- 3.4 Student achievement will be measured at the commencement of each topic of work, and learning opportunities will be planned and provided to cater for the identified learning needs of each student.
- 3.5 Planned daily Mathematics sessions must be flexible, 'hands on' and open ended to provide opportunities for students to apply key skills to enhance their understanding of mathematical concepts.
- 3.6 All students will have access to resources to support mathematical learning. Resources include concrete materials (e.g. dice, counters, blocks, MAB), computers (including mathematical software) and calculators.
- 3.7 The teaching and learning programs will build on students' interests, strengths, goals and learning needs, to ensure engagement and successful mathematics learning.
- 3.8 A Mathematics team will be allocated the responsibility of coordinating the school's Mathematics program. The team will oversee the delivery of the mathematics curriculum, provide ongoing teacher professional learning, allocate resources, maintain participation in mathematics competitions and exhibitions, and promote the value of mathematics in the school.

## 4. BUDGET

An annual Mathematics budget will support the implementation of the program.

## 5. EVALUATION

This policy will be reviewed by staff and the Education Sub Committee as part of the school's policy review process.

## 6. ACHIEVEMENT MEASURES

Student achievement against Victorian Curriculum  
National Benchmarks and NAPLAN data for Grades 3 and 5.

Ratified by School Council – 2018