



## MATHEMATICS POLICY

### Rationale

Mathematics is organised in the Victorian Curriculum under three strands Number and Algebra, Measurement and Geometry, and Statistics and Probability. The study of these strands of Mathematics provides students with access to important mathematical ideas, knowledge, skills and strategies that they will draw on in their everyday life, study and work situations. Students will be engaged as life-long learners who are able to confidently articulate and utilise their Mathematical understanding. The teaching of the Mathematics curriculum focuses on developing mathematical understanding, fluency, reasoning, modelling and problem-solving proficiencies.

### 1 Guidelines

The Mathematics program aims to:

- 1.1 Facilitate students' acquisition of mathematical skills, knowledge and strategies so they can deal confidently and competently with daily life
- 1.2 Ensure Mathematics lessons are inclusive for all students and target the students' learning point of need
- 1.3 Promote a positive attitude to Mathematics and ensure that all students can achieve growth and success in their learning
- 1.4 Appropriately and effectively use ICT to support students' mathematical learning

### 2 Implementation

- 2.1 Mathematics programs will be based on the Victorian Curriculum
- 2.2 Year level teams are to plan Numeracy teaching and learning based on Victorian Curriculum sub-strands, following Yearly Curriculum Overviews and Term Planners
- 2.3 Teachers will plan for the differentiation of lessons based on the point of need of their students
- 2.4 Mathematics lessons will follow the WHPS Instructional Model or the Launch, Explore, Summarise lesson model
- 2.5 Teachers will use a range of HITS (High Impact Teaching Strategies) including explicit teaching and open-ended tasks
- 2.6 Teachers will use and display keywords to develop students' mathematical vocabulary
- 2.7 Students will have the opportunity to use concrete manipulative materials to support mathematical learning
- 2.8 The Leading Teacher (Numeracy) will:
  - prepare and review program budgets
  - purchase, organise, store and maintain Mathematics resources
  - provide staff program assistance through a range of strategies such as classroom observations, coaching, assisting with planning and overseeing planning documents
  - organise and deliver Mathematics professional development for staff

- lead the Mathematics Professional Development Team (PLT) in implementing Mathematics programs and procedures school wide

- 2.9 The Wheelers Hill Primary School Assessment Schedule and agreed assessment protocols will be used to monitor and assess student learning in Mathematics
- 2.10 High achieving students may be extended by outside organisations such as Maths Olympiad and the Victorian High-Ability Program (VHAP) and in-school programs such as Maths Investigators.
- 2.11 Students requiring additional support may receive additional tutoring in small groups, outside the classroom. Students working more than a year below the expected level, will have an Individual Education Plan written by the classroom teacher
- 2.12 The classroom teacher will deliver the Mathematics program. Leadership and guidance for classroom teachers will be provided by the: Principal, Assistant Principal, Mathematics Leading Teacher, Mathematics School Improvement Team and Mentors (for graduates)
- 2.13 Staff will be provided with the opportunity to attend Mathematics professional development

### 3 Evaluation

- 3.1 The Education Sub Committee will review the effectiveness of the school's Mathematics policy on a cyclical basis in accordance with DET guidelines.

### Related policies and guides

Curriculum structure policy

Curriculum framework policy

Link to DET website information on HITS (High Impact Teaching Strategies)

<https://www.education.vic.gov.au/school/teachers/teachingresources/practice/improve/Pages/hits.aspx>



Help for non-English speakers

If you need help to understand the information in this policy please contact Leasyl Richards – Assistant Principal

**Ratified by School Council**

October 2023

**Approved by the Principal**

October 2023

**Next review**

2027