



Bethal Primary School

MATHEMATICS POLICY

PURPOSE

To ensure school staff understand the scope of the Mathematics curriculum and its implementation at Bethal Primary School.

SCOPE

This policy applies to all teaching staff at Bethal Primary School, including casual relief teachers and visiting teachers. Schools are responsible for providing a well-planned and structured school-based curriculum program, evidencing how the Mathematics domain of the Victorian curriculum will be addressed, and how the school-based curriculum program will be organised and implemented.

POLICY

In this policy, the following definitions are applied:

Mathematics: refers to the learning area

Progression Points: refers to the age-expected levels of learning

Concrete Materials: refers to physical objects, such as counters and straws

RATIONALE

Mathematics is crucial in developing the capacity to make informed decisions and solve problems efficiently. The Mathematics Victorian Curriculum promotes students to be life-long learners, with the basis on which further study and research in mathematics and applications in many other fields are built. Learning mathematics creates opportunities to enrich lives and society. It develops the capacity, confidence and disposition to use mathematics to meet the demands of learning, school, home, work, community and civic life. It ensures there is a future workforce to contribute productively and competitively in our ever-changing global world.

AIMS

Mathematics teaching at Bethal Primary School incorporates the four proficiencies, understanding, fluency, problem solving and reasoning, to develop a passion for mathematics and confidence when working with numbers.

The purpose of the Mathematics program at Bethal Primary School aims to ensure that students:

- develop children into confident, flexible problem solvers who can successfully apply their skills in a variety of settings
- are taught mathematical skills and knowledge learnt that will equip them to contribute productively in our ever-changing world
- appreciate the elegance and power of mathematical thinking, and experience mathematics as an enjoyable and valuable pursuit.

IMPLEMENTATION

Bethal Primary School has a whole school approach to Mathematics. We aim to provide 5 hours of mathematics sessions per week. The structure of these lessons are flexible to reflect the nature of the concepts being taught. Sessions are structured using open ended tasks, problem solving or investigation tasks. Sessions include explicit teaching, reflection time, student conferences and differentiated tasks where enabling and extension prompts are planned for.

- The school Mathematics curriculum is based on the Victorian Curriculum 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.
- The teachers will devise the yearly planners using the Victorian Curriculum prescribed content and achievement standards, activities, resources and progression points.
- Student instruction will be at least 5 hours and will include rich and meaningful tasks involving concrete materials and hands-on learning experiences.
- Students' individual abilities are assessed and monitored on an ongoing basis using formative and summative assessments (see 'Bethal PS Assessment Schedule')
- Student achievement will be measured at the commencement of each unit of work, with differentiated learning opportunities planned for to meet the learning needs of each student.
- Student progress in Mathematics will be recorded progressively for each unit of work. Final judgements against the Victorian Curriculum progression points will be moderated by teachers and reported in half and end of year parent reports, and the school's annual report.
- Establishment and maintenance of Mathematics Resource Trolleys to support teaching and learning
- A Mathematics program budget will be allocated and maintained by the Mathematics Leading Teacher. These will be used for teacher reference materials, ICT programs, manipulative materials and professional development opportunities.
- A Mathematics PLC team will be allocated the responsibility of supporting the Mathematics Leading Teacher in the coordination of 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.

FURTHER INFORMATION AND RESOURCES

- School operations:
 - [Curriculum policy](#)

REVIEW CYCLE

This policy was last updated on 18th May, 2021 and is scheduled for review in 2025.