
THE PATCH PRIMARY SCHOOL

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.

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 Victorian Curriculum.
- All Foundation to Year 6 students at our school will study a sequential Mathematics course based upon the content descriptions contained within the Victorian 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.
- All teachers will use pre and post testing to assist the planning and assessment of units of work
- The school will appoint a Mathematics coordinator who will coordinate the development and implementation of Mathematics across our school.
- A student's individual abilities will be measured and reported against the expected Victorian 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.
- Intervention programs will be provided for all students at all year levels identified as 'at risk'
- Mathematics study for each student will be not less than 5 hours per week.
- A Mathematics coach will be employed to facilitate high quality maths teaching.
- Mathematics 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.
- 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 was originally formed, and will be reviewed in consultation with all members of the wider community (all staff, parents, students, and interested members of the community) as part of the school's five - year review cycle.

References: <http://victoriancurriculum.vcaa.vic.edu.au/overview/about>

Principal

Handwritten signature in blue ink, appearing to read "Abba Alenmam".

School Council President

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