

Rationale

Mathematics provides students with essential mathematical skills and knowledge in Number and Algebra, Measurement and Geometry, and Statistics and Probability. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

Purpose

- To provide all students with positive experiences of mathematics and thus develop confidence and a sense of achievement.
- To provide all students with the mathematical skills and knowledge to enable them to deal with mathematical challenges encountered in daily life.
- To develop students' ability communicate and reason mathematically.
- To provide practical activities involving appropriate equipment and materials which challenge and arouse thought, so as to develop logical thinking, problem solving and creativity.
- To understand and appreciate the nature of mathematical thinking.
- To recognise the connections between the areas of Mathematics and other disciplines and appreciate mathematics as an accessible and enjoyable discipline to study.
- To promote mathematics throughout the school community.

Guidelines

The Victorian Curriculum will be the basis of the Mathematics Curriculum. Students at every year level will engage in activities which develop:

- Knowledge of facts and technical skills
- Maths skills to solve practical problems
- The ability to see mathematical connections and the ability to apply mathematical concepts, skills and processes
- Confidence and enjoyment in maths

Implementation

The teaching of mathematics at Camberwell South is based on the principles that mathematics needs:

- To reflect the developmental learning processes of students
- To be presented through a variety of classroom approaches and activities
- To allow for individual differences
- To present challenges in a supportive environment
- To provide purposeful context for real life learning
- To develop the use of appropriate mathematical language
- To allow for reflection on the part of the learner
- Reflect the School Strategic Plan 2016-2019

Evaluation

- Use of Checklists, term planners, unit evaluation, pre and post test data, Early Years Numeracy Testing P-6, PAT Maths Testing, NAPLAN results and the annual report
- Effectiveness of class programs

Review

A committee of staff will review the Mathematics Policy every three years. The review will ensure that the school's programs and procedures are adequately reflecting Statewide curriculum developments and the changing needs of the Camberwell South community.

Ratified By:	Date:	
Education Committee		
Staff		
School Council President	21/06/2017	Name: Pernille Cavanough Signature: 