



Challenge, Opportunity & Achievement

# Numeracy

POLICY

## CONTEXT:

The study of numeracy will enable students to confidently acquire mathematical skills and knowledge so that they can competently meet the demands of all learning. As mathematical knowledge is abstract, it is important that manipulation of concrete materials provides the foundation upon which children actively build mathematical ideas in a supportive environment. At all levels, students apply mathematical concepts, problem solve, collect and analyse data to make connections within mathematics to meet the demands of daily life.

## 1. PURPOSE:

- 1.1 To provide all students with relevant and stimulating learning experiences during numeracy so they will:
- Acquire mathematical skills and knowledge
  - Develop knowledge and skills in using mathematics for further study and interest
  - Be able to interpret and communicate mathematical ideas logically and accurately

## 2. GUIDELINES:

- 2.1 This Numeracy policy is to be read in conjunction with the current curriculum standards for the State of Victoria
- 2.2 The numeracy program integrates the areas of Number and Algebra, Measurement and Geometry and Statistics and Probability as well as the proficiency strands of Understanding, Fluency, Problem Solving and Reasoning
- 2.3 Teachers will monitor and assess to inform teaching, provide feedback and ensure that all curriculum areas are covered
- 2.4 Students at every level of schooling will engage in activities that:
- Demonstrate useful mathematical and numeracy skills for successful and reasoning in their environment
  - Solve practical problems with mathematics
  - Develop an understanding of mathematical connections and the ability to apply mathematical concepts, skills and processes in posing and solving mathematical problems
  - Challenge and engage students in their learning. Students will feel supported in their efforts. They feel confident to take risks in their learning
  - Develop understandings of the role of mathematics in daily life
- 2.5 Teachers will program differentiated learning to ensure maximum support is given to aid all students' efforts

## 3. IMPLEMENTATION:

- 3.1 Children will be engaged in 5 hours of Numeracy learning each week
- 3.2 Teachers will follow yearly and termly planners along with the agreed upon Instructional Model for individual lessons and units
- 3.3 Teachers will use a variety of appropriate resources to support sequential learning
- 3.4 Concrete materials will be used to support children's understandings of concepts
- 3.5 Assessment of children will be undertaken as per the School's Assessment Schedule.

## 4. EVALUATION

- 4.1 A minor review will take place annually or as required
- 4.2 A major review will take place as part of the school review process

**This policy was last ratified by School Council in**