

# Numeracy/Mathematics

## POLICY

### Rationale

Mathematics/numeracy teaching and learning aims to ensure that students:

- develop useful mathematical and numeracy skills for everyday life, work and as active and critical citizens in a technological world
- see connections and apply mathematical concepts, skills and processes to pose and solve problems in mathematics and in other disciplines and contexts
- acquire specialist knowledge and skills in mathematics that can extend to further study in the discipline

### Goals

- To implement the three strands of the Mathematics Vic F-10 Curriculum:
  - Number and algebra
  - Measurement and geometry
  - Statistics and probability

### Implementation

- The teaching, learning and assessment programs should balance and integrate the three Mathematics strands: *Number and Algebra, Measurement and Geometry, Statistics and Probability*.
- Students will be engaged in daily Mathematics learning activities.
- Teachers will use assessment data in Mathematics to plan whole grade, small group and individual learning tasks.
- A range of numeracy approaches will be used to teach Mathematics understanding and fluency including: modelled, shared, guided and independent mathematics.
- The explicit teaching of numeracy concepts will be introduced, developed and extended through the appropriate use of concrete materials and information technology.
- The explicit practice within the fluency proficiency strand will happen daily.
- Units of work will be pre and post tested where appropriate, to ensure targeted teaching.
- Individual Learning Plans will be written for students requiring further support.
- The school subscribes to Mathematical online digital resources which will be used by teachers and students in the classroom.
- Resources both book and digital will be purchased to support the teaching of Numeracy.

### Resources

- Vic Curriculum F-10
- Whole School Yearly Planners
- Online and digital material, e.g. Mathletics
- Mathematics vocabulary

## **Evaluation**

- Vic Curriculum F-10 achievement standards
- Assessment Schedule
- Individual Learning Improvement Plans
- NAPLAN - Level 3 and Level 5
- VCAA - On Demand Adaptive Tests
- VCAA - written assessments
- PAT Maths tests
- Pre- and post-tests/Guttman charts
- Student reports, written twice yearly
- Parent Interviews

## **Policy evaluation:**

This policy will be reviewed annually as part of the school's three-year review cycle.

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

**June 2020**



*Cavendish Primary School is committed to Child Safety – We have a zero tolerance for child abuse.*