

# Seaholme Primary School

## Mathematics Policy

### **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.

### **Guidelines**

Through learning mathematics in school, students will: -

- demonstrate useful mathematical and numeracy skills for successful general employment and functioning in society
- solve practical problems with mathematics
- develop specialist knowledge in maths that provides for further study in the discipline
- see mathematical connections and be able to apply mathematical concepts, skills and processes in posing and solving mathematical problems
- be confident in one's personal knowledge of mathematics, to feel able both to apply it, and to acquire new knowledge and skills when needed
- be empowered through knowledge of mathematics as a numerate citizen, able to apply mathematics to everyday life
- develop understanding of the role of mathematics in life, society and work

### **Implementation:**

- The Mathematics domain is an essential component of the Discipline-based Learning strand of the Victorian Essential Learning Standards.
- All students at our school will study a sequential Mathematics course based upon the learning foci contained within the Victorian Essential Learning Standards.
- Student's individual abilities will be monitored as set out in the Mathematics Assessment Schedule.
- Learning opportunities will be provided to cater for the identified needs of each student.
- Student progress in assessment tasks will be recorded on the Assessment Record Sheet. This record sheet will be added to and will track the progress of students from grades prep to year six.
- Student progress in Mathematics will be reported in half and end of year academic reports, as well as be reported in the school's annual report.
- A two yearly plan will be implemented to ensure that all aspect of each dimension of Mathematics is taught within the two year period of each VELS level from 2 – 4 (grades 1 to 6).
- VELS level 1 (grade prep) will be taught over a one year period.
- Mathematics study for each student will be not less than 5 hours per week.
- Mathematical 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.
- A Mathematics program budget will be developed by staff and resourced by school council.
- A staff member will be allocated the responsibility of coordinating the school's Mathematics program.

### **Evaluation:**

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

This policy was last ratified by School Council in.... June 2009