GUNNAROO PUBLIC SCHOOL

MATHEMATICS POLICY

PURPOSE

The aim of this document is to provide teachers with the operational guidelines for all students’ mathematical learning.

RATIONALE

Mathematics is essential for daily living. It is part of our society and culture, and is important and useful in work and leisure. Mathematics develops thinking skills and provides a platform for investigation and creativity. Accordingly the mathematics key learning area is an important part of the school curriculum.

Mathematics includes:

- **Number:** Numeration, Addition, Subtractions, Multiplication, Division, Fraction and Decimals, Money.
- **Space:** 3D shapes, 2D shapes, Position, Graphs.
- **Measurement:** Length, Area, Volume, Mass, Temperature, Time.
- **Working Mathematically:** Questioning, Problem Solving, Communicating, Verifying, Using Technology

KEY POLICY STATEMENTS

**PRINCIPAL’S RESPONSIBILITIES**

The Principal will

- monitor teaching programs to ensure consistency with school policy
- implement a program to regularly diagnose and assess students’ mathematical development
- maintain appropriate records of attainment
- monitor and ensure the adequacy of mathematical resources for both teachers and students
- promote the teaching of mathematics and ensure the subject appears appropriately in the school management plan.

**TEACHERS’ RESPONSIBILITIES**

Teachers will

- Be responsible for providing a balanced program of mathematical learning experiences for individual students at different stages of development
- Provide a balanced program of learning in Numeration, Space and Measurement
- Be responsible for all students’ learning (the class teacher bears the responsibility for the diagnosis; teaching; assessing and reporting to parents, other teachers and primarily to the students to teach the Mathematics K-6 Syllabus
- Plan a term overview
• Conform basically to the scope and sequence chart requirements for each year (the units of work may be revised or extended depending upon the strength of the student)
• Encourage students to participate in mathematics competitions

**STUDENTS’ RESPONSIBILITIES**

Students will
• Develop independence and responsibility towards their learning
• Complete assigned tasks in mathematics to the best of their ability
• Be involved in learning and assessing their mathematical activities in the classroom

**PARENTS’ RESPONSIBILITIES**

Parents will
• Provide support and encouragement for Mathematical homework
• Provide informal mathematical experiences
• Be positive about Maths with their children.

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