



ST. JOSEPH'S AMENDMENTS to the MATHEMATICS POLICY 2005

The Mathematics policy is not due to be reviewed until 2007 in the cyclical curricula review followed by St. Joseph's. However, there have been a number of significant changes in the curriculum, and the teaching strategies of Mathematics in the past few years. These are noted below and will be included in the next Mathematics policy review.

The new Revised Mathematics K-6 Syllabus issued by the Board of Studies in 2002 is organised into **six strands** ...one process strand Working Mathematically, and five content strands, Number, Patterns and Algebra, chance and Data, Measurement and Space and Geometry. The outcomes and indicators from these strands form the teaching and learning of Mathematics at St. Joseph's.

The other major change to the teaching and learning of Mathematics at St. Joseph's has been the inclusion of **'Count Me in Too'** and **'Count me into Measurement'**. Both these programmes were part of professional staff development projects in 2002 and 2003. There has been ongoing Sena testing. Also, a large number of resources were purchased and made to enhance the 'hands on' approach. This has shown good results in student understanding in numeration, number and measurement concepts.

Other amendments have been....

Maths is taught every day in all classes. Length of lessons varies from thirty to forty minutes in K/1/2 and forty five minutes in Year 3/5/6.

All areas of Mathematics are covered by class teachers.

GOALS

The goals of the Maths Policy statement at St. Joseph's school are to...

- Facilitate students developing competency in mathematical skills
- Enable students to develop an understanding that Maths is everywhere.
This idea is part of the new curriculum
- Ensure students experience many practical activities to help the development of mathematical concepts and skills.
- Recognise and encourage creativity in a wide range of approaches and different methods of problem solving in Mathematics.

Resources for Mathematics have been upgraded and these include

- Assessing Numeracy - Year 1
- CMIT Testing Kit (Count Me in Too)
- CMIM folder (lesson plans). .Count Me Into Measurement
- CMIM Resource box
- Days at school Number Kit
- DENS book Stage 1 & Stage 2 (Dept. Edn.1995)
Developing Efficient Numeracy Strategies
- DENS book Work activities
- Hanging Frame for number games and activities
- Jigsaws
- Mix and Match 0-10
- Mastering Tables – ages 8+ RIC Publishing
- Numeracy Tests – Basic skills and Aspects Yr 5 published by Nightingale
- Teaching Measurement- Early Stage 1, Stage 1, Stage 2 and Stage 3. Dept. Edn
- Ten Frames
- What, When, How to Teach Mathematics 2001