



MATHEMATICS

POLICY

Preamble/Rationale:

All students need to develop an appreciation and enjoyment of mathematics. They need to develop an understanding of mathematics for use in everyday life. Students will relate mathematics to practical and relevant situations in their everyday world. At Craigieburn South we believe that all students' learning will be enhanced by the delivery of a consistent approach to the teaching of mathematics. An active, hands on approach using concrete aids will be used as applicable. Students will develop, within their own capabilities, the mathematical skills and understanding needed for everyday living.

Purpose:

- To deal confidently and competently with all dimensions of the Mathematics Domain appropriate to their own ability.
- To acquire numeracy skills, ways of thinking and confidence to use mathematics in real life situations.
- To realise that mathematics is relevant to them personally and to their community.
- To develop skills in using mathematic software.

Implementation:

- The program will be modelled on the P-4 Early Years Numeracy Program (whole, part, whole) and the VELS mathematics document. Mathematics teaching will be explicit, providing scaffolded learning for the students.
- The program will be run as a daily one hour Numeracy block.
- The program will be developed to ensure that all dimensions of each level of VELS are studied over a two year period, excepting Prep which is one year.
- The mathematics program operating within this school recognises that students learn at different rates and have different needs.
- Emphasis will be placed on active learning where students have hands-on experiences developing an understanding of the purpose and use of concrete materials, applying these as an aid to solving problems.
- The mathematics program will provide group experiences whereby students learn co-operatively, independently and collaboratively. Encouraging students to develop strategies through meaningful, relevant activities, including open ended tasks and relevant probing teacher questioning.
- Each individual teacher and grade unit will decide their own methods of implementing the program considering the interests and needs of the students.
- A flexible approach to timetabling and organisation will provide regular and adequate time and resources.
- Each class will have access to a basic range of concrete materials, references and calculators.
- Additional materials are available in a central location for borrowing. Computer software is also available in the computer room and in the classrooms.

Assessment:

- Pre and post tests
- As per Whole Testing and Assessment Schedules

This policy was ratified by School Council in 2008

This policy will be reviewed in 2011

