RATIONALE

Mathematics is taught K-6 for the following reasons:
- Mathematics is useful. It is essential for living and is basic to individuals being able to function in society.
- Mathematics can be used to present and convey information in many ways.
- Mathematics provides opportunities for the development of reasoning abilities.
- Maths is part of our culture.
- Maths can be part of our leisure.

OUTCOMES

Students will:
- Appreciate mathematics as an essential and relevant part of life.
- Develop their ability to work mathematically.
- Develop their knowledge, skills and understandings in all aspects of Maths.
- Develop a variety of methods for calculations and problem solving.
- Develop an appreciation of the appropriate use of technology eg calculators, computers.

IMPLEMENTATION

- Mathematics should be taught regularly and where possible on a daily basis.
- Whenever possible, new concepts should be introduced through the use of concrete materials (eg MAB blocks) and practical activities.
- To ensure a comprehensive and sequential study of maths throughout the school, we have texts that closely follow the NSW syllabus for the Australian Curriculum. This scheme is supplemented with other classroom activities.
- Extension activities such as the University of NSW Maths Tests are encouraged as they provide opportunities for the use of higher order skills and problem solving techniques.

EVALUATION

Assessment should be aligned with instruction and provide a basis for the teaching/learning process.
- Gather --- Record --- Analyse --- Plan.

Planned evaluation exercises and work samples are to be done at regular intervals.

Work samples and reports are to be sent home at the end of Terms 2 and 4.
Best Start and NAPLAN will be sat by Kindergarten Years 3 and 5 annually. The results from these tests are to be analysed and individual student needs catered for on the basis of this analysis. School trends also need to be examined and addressed.

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