

St. Theresa's Primary School, Albion

Mathematics Policy



Rationale :

Mathematics is a complex body of knowledge that deals in number, space, measurement, chance and data and reasoning and strategies. It impacts on all aspects of our daily lives.

Beliefs :

At St. Theresa's we believe that

- mathematics encompasses all aspects of our lives
- it is imperative that children make the link between maths in the classroom and maths in their daily lives
- maths permeates all curriculum areas
- maths is a graded process of learning. Children need to understand one level before they can move onto another
- number is the foundation of all mathematical thinking
- it is important that maths is taught using concrete materials and practical activities
- it is important that children be exposed to and learn the language of mathematics
- children need to experiment and take risks in order to develop logical thinking processes and problem solving skills
- it is important for teachers to keep up to date with current maths teaching trends and practices

Aims :

At St. Theresa's we aim to

- make connections between mathematical concepts and real life experiences
- teach the children the language of maths

- create a supportive environment for the development of mathematical skills in students and teachers so that children can experience success
- provide a learning environment in which children feel confident to take risks with their mathematical thinking
- provide a developmental programme based on the individual needs of the children through analysing data collected

Implementation :

St. Theresa's is developing its processes in accordance with the Victorian Curriculum standards.

Unit planners are used and completed prior to each maths unit.

During planning sessions, data is analysed to inform the teaching of mathematics.

A yearly overview (Scope & Sequence) is followed.

Maths is taught on a daily basis.

Concrete materials, games and open-ended tasks are used as much as possible.

Rich assessment tasks are used to evaluate and assess children's understanding and also to drive teaching.

Counting is practiced daily.

Teachers use a wide variety of teaching strategies.

Teachers regularly participate in Professional Development activities to ensure that they are up to date with current trends and thinking in maths teaching.

The school is adequately resourced to enable a successful maths programme.

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