

## Purpose

This policy provides guidance to teachers, parents and carers about mathematics teaching and learning at Preston North East Primary School.

## Aims

At Preston North East, our goal is to ensure that all children become successful, self-confident mathematicians. We understand that mathematics is an integral part of daily life which enables people to make sense of the world around them. We aim to inspire and empower students through successful mathematics learning.

Students at Preston North East will:

- Develop a curious and positive attitude towards mathematics.
- Develop fluency with mathematical processes.
- Develop the mathematical skills and knowledge outlined in the Victorian Curriculum.
- Confidently apply their mathematical knowledge to real life situations.
- Be able to communicate their mathematical reasoning.

## Curriculum

Our teaching programs are based on the Victorian Curriculum strands of *Number and Algebra*, *Measurement and Geometry*, and *Statistics and Probability*. Students develop the proficiencies of Understanding, Fluency, Problem Solving and Reasoning.

## Guidelines for implementation

1. Mathematics learning is active, engaging and challenging.
2. Curriculum planning is collaborative to ensure consistency across classrooms.
3. Curriculum planning includes differentiation strategies to extend and support students.
4. Learning intentions and success criteria are communicated to students.
5. Students are taught to articulate and reflect on their mathematical thinking.
6. Students have opportunities to collaborate on mathematical problem-solving tasks.
7. Student progress is closely monitored through formative and summative assessments, and communicated to students and parents.
8. Appropriate financial provision is made for mathematical resources and professional learning.

## Evaluation