



Numeracy

Competence in mathematics is integral to successful participation in our modern world. We endeavour for numeracy to provide our students with the skills that allow for a variety of opportunities in their further education pathways and careers.

At Melrose we aim to ensure all students develop enjoyment and enthusiasm for mathematics through engaging open-ended and authentic tasks that require exploration, discussion and higher order thinking.

Melrose Mathematicians:

- 1 Are critical and analytical thinkers
- 2 Are problem solvers
- 3 Construct logical arguments
- 4 Effectively communicate about many ideas
- 5 Work within teams to improve their understanding

With guidance of the Instructional Model, Melrose students are challenged to:

Build their understanding
Develop fluency in numeracy
Problem solve using effective processes
Develop reasoning skills

Mathematics pervades all aspects of our lives – not just at school. It has applications in all activities we undertake – helping us to solve problems in such diverse areas as:

- 1 Science and business
- 2 Technology
- 3 The Arts
- 4 Sport
- 5 Construction and design, and
- 6 Education

We aim for all students to leave Melrose understanding mathematical concepts and to be able to use flexible and efficient processes and strategies to solve problems in everyday situations.