

Mathematics

SUBJECT DESCRIPTION:

The Year 8 Mathematics course is aligned with the Victorian Curriculum across three strands: Number and Algebra (NA), Measurement and Geometry (MG), and Statistics and Probability (SP).

The course is grouped into 8 topics per year, studied sequentially and spread evenly over the two school semesters. Students use a combination of book work, computer tasks and hands on activities to develop their mathematical skills, using efficient mental and written strategies and appropriate digital technologies such as the scientific calculator. They are expected to complete work set in class for homework regularly. Students are assessed at the end of each topic. Students are encouraged to progress through these stages of mathematical skill development:

- Consolidation of skills from previous years
- Mastery of essential numeracy skills
- Understanding of new topics
- Proficiency in new topics
- Ability to tackle more challenging mathematical problems independently with confidence