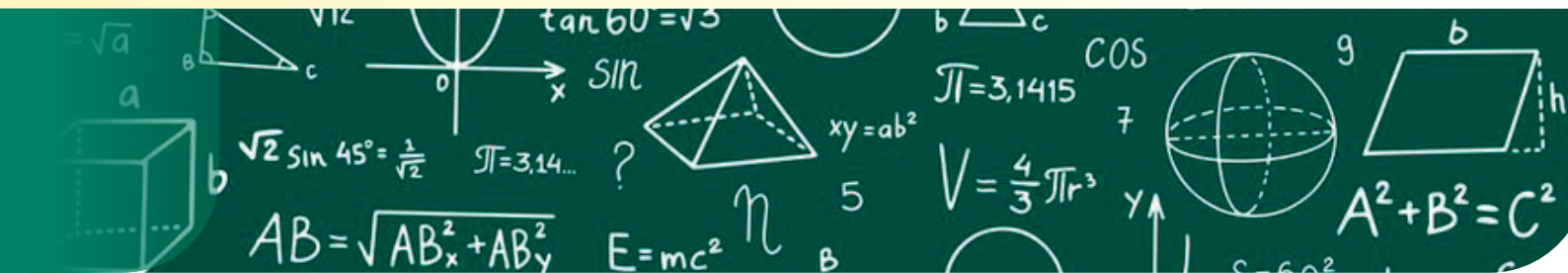


Mathematics



Mathematics at Golden Grove High School promotes Success for All through a differentiated approach that seeks to build thriving learners and build on our learning dispositions through delivering curriculum that is rigorous and seeks to connect real world learning that will assist students in becoming active and engaged citizens.

Year 7 and 8 Mathematics

Year 7 and 8 students at Golden Grove High School complete a full year of Mathematics. Students at Year 7 complete diagnostics after which they have a personalised online “textbook”, aligned to the Australian Curriculum. They complete topics within the curriculum and cover any gaps in their prior learning. The students at Year 8 continue their learning using their personalised textbook.

All students complete fortnightly tests, followed by reflections and goal setting. Parents are able to access a parent portal to monitor their child’s learning each fortnight.

Each semester students will complete a mathematical investigation. They will also complete a STEM Project to integrate their science and mathematics understanding, and demonstrate their learning against student learner dispositions—collaboration, reflection, self-motivation, resilience and creativity.

Content covered will be across the strands of Number, Algebra, Measurement, Space, Statistics and Probability.

Year 9 Mathematics

Students will study the Australian Curriculum Mathematics across the six content strands— Number, Algebra, Measurement, Space, Statistics and Probability. Assessment tasks will include end of topic tests and investigations.

In Term 2 an extension course will be offered to students, preparing them for the pathway to Year 10 Pre Mathematical Methods.

Year 10 Mathematics

At Year 10 students are placed in a course leading to specific Stage 1 subject. Three courses are available: Year 10 Pre-Mathematical Methods. Year 10 Pre-General Mathematics and Year 10 Numeracy.

The Pre-Methods and Pre-General courses cover content based on the Australian Curriculum for Mathematics at Year 10, with emphasis on specific topics relevant to the Stage 1 pathway.

The Year 10 Numeracy students will have an opportunity to complete a compulsory 10 credit SACE Numeracy course over the year.

Senior Years

At Year 11 students choose a mathematics subject based on their pathway and achievement from Year 10:

- Stage 1 Mathematical Methods and Specialist Mathematics OR
- Stage 1 Mathematical Methods OR
- Stage 1 General Mathematics OR
- Stage 1 Numeracy

At Year 12 students will be eligible to study a mathematics subject based on their pathway and achievement at Year 11:

- Stage 2 Mathematical Methods and Specialist Mathematics OR
- Stage 2 Mathematical Methods OR
- Stage 2 General Mathematics OR
- Stage 2 Essential Mathematics

Mathematics at Golden Grove High School 2023

- Yr 7-8 STEM (Mathematics)
- Yr 9 Mathematics (Extension)
- Yr 10 Pre-Methods, Pre-General or Numeracy (SACE)
- Stage 1 Methods, Specialist, General or Numeracy
- Stage 2 Methods, Specialist, General or Essential

FOR FURTHER INFORMATION, PLEASE CONTACT:

Mali Naheswaran — Learning Area Leader
E: Mali.Naheswaran708@schools.sa.edu.au