

Maths Pathway Years 7 to 9

Students in Years 7 to 9 are using Maths Pathway in Maths. Over the last two years, using this program, students have achieved excellent growth and experienced success in achieving their learning goals. We look forward to working with your child in Maths Pathway to show growth and to foster fun learning experiences in Maths.

What is Maths Pathway?

- Individual program based on diagnostic assessment and subsequent allocation of work activities, where regular cycle tests show skills mastered on a regular basis.
- Content is taught at your child's level.
- Level determined by diagnostic assessment.
- Avoids students being taught concepts that are too easy or too difficult.
- Students are assessed on growth not on achievement in an age level test.
- Every child is expected to grow at least one Maths level in one academic year. E.g. 100% growth means one year's growth.

What does Maths Pathway look like in a classroom?

- Mini Lessons – focus on a particular topic that would normally be taught at that year level, lessons are differentiated for the student levels.
- Rich Tasks – allow students to apply their knowledge to a real life problem, where students work in groups to solve problems.
- Projects – extended rich tasks but run over a week once a term (except Term 1 for Year 7 students), these are assessed for the end of semester report.
- Puzzles and interactive games – allow students to practice Maths concepts in a fun and engaging way, used to start, end or break up a lesson.
- Maths Pathway Modules – allows students to work independently to develop their mathematical skills at their level.

Homework Expectation

- Year 7: 20 minutes twice per week on Maths Pathway modules starting in Week 5
Year 8: 30 minutes twice per week on Maths Pathway modules
Year 9: 40 minutes twice per week on Maths Pathway modules
- Completing homework allows students to develop study habits and time management skills that become vital in their senior secondary years.
- Gives parents the opportunity to engage with their students regarding the Maths they are currently learning.
- Parents have access to a parent section in Maths Pathway. When your child is logged in to Maths Pathway there is a button for parents in the top right of the screen that says parents. This section contains information regarding the modules your child is focussing on, their test results and the curriculum areas they have and have not mastered.

Maths Pathway at Year 9 – what is different?

- Mini lessons are much more of a focus in Year 9 classes to ensure students are prepared for Year 10.
- Students will sit an exam at the end of the semester which assesses them on content learned over the semester. This exam will be individual to each student but will allow students to experience the process of revising for and sitting an exam.
- Students will be taught to keep a summary book of notes which can be used in the end of semester exam.
- Students will be exposed to the CAS calculator that will be used in most Year 10-12 Maths classes.

If you have any further questions regarding the Maths Pathway Learning Model please contact Miss Rebecca Paget, Mathematics Learning Area Leader, via email at rpaget@sjcnda.vic.edu.au, or alternatively, you can contact your child's Maths teacher.

Miss Rebecca Paget

Mathematics Learning Area Leader