



OLC Enrichment Maths Program

What is the purpose of the program?

To inspire and challenge through real-life Maths situations.

What will students experience?

- Dealing with and solving authentic Maths problems.
- Further develop their knowledge and practise of problem-solving strategies.

What are the core skills we aim for the students to acquire?

- problem solving
- creativity
- critical analysis
- teamwork
- independent thinking
- initiative
- communication
- digital literacy.

How will the program work?

- Weekly, one-hour sessions.
- Inquiry-based projects that integrate Maths with other curriculum areas such as Design and Technology, Science and Art.
- At times, projects are required to be completed as homework.
- Projects encompass the Mathematics Curriculum proficiencies of **Understanding, Fluency, Problem-Solving and Reasoning.**
- Students are selected based on in-school assessment results in Mathematics (PAT and Class assessment) as well as teacher judgement.

How will the students be assessed?

- Rubrics or marking keys are individualised to projects and, at times, to students.
- Comments will be included in the Mathematics area of students' Semester One and Two reports.

