

Solving Problems with Maths!



The Mathematical Association of Tasmania (MAT) are running a problem solving workshop for students who are interested in Maths and how it applies to real-life situations. It will be held at **Burnie High School** on **Sunday 30th July** from **12:00noon – 4:00pm** (including a pizza lunch). The workshop is limited to **60 students**. Register via Eventbrite (<https://www.eventbrite.com.au/e/solving-problems-with-maths-student-workshop-tickets-34604575216>). For more information, see our website (mat.aamt.edu.au) or email Emily Peterson (emily.peterson@education.tas.gov.au).

Problem 1:**Where am I, exactly?**

You will use Mathematics to find where you are!
You'll find some nearby geocaches too.

Problem 2:**How do flowers know how to grow?**

You will learn about the pattern that flowers follow when they grow and you'll create geometric art.

Problem 3:**How do we put large objects into Space?**

You will learn about how origami folds have enabled us to send large objects into Space!

Problem 4:**How do machines send messages?**

You will learn how to use binary, the code that is used by computers to send messages.