

LEARN – ENERGISE – CONNECT



FREE
professional
development
event

Join us for a day of hands-on workshops as we explore some of the ways TI-Nspire™ handheld and computer-based technology can be used to enhance teaching and learning.

- Senior mathematics workshops are tailored to the Tasmanian Mathematics Curriculum and designed to help students become more efficient in their examinations.
- Middle school sessions will explore problem solving and investigative tasks that will equip teachers with the skills and confidence to integrate technology effectively.
- Network with like-minded educators, access free resources to get students excited about mathematics.
- Participants to receive FREE Teacher Software and 25 user Student Software Licence.
- Complimentary catering provided and a professional development certificate.

Location: The Hutchins School, Sandy Bay, Hobart

Date: Wednesday 9th April

Time: 8:40am to 3:00pm

Cost: Free

Registration: <https://education.ti.com/aus/PDEvents> or scan the QR code.





The Hutchins School

8:40 to 9:00 Registration

9:00 to 9:10 Introduction

9:10 – 10:30 Session 1:

Teaching Tools (All levels)

Teachers and students have access to the TI-Nspire software, but there is also a web-browser tool, free student courses, wireless connectivity and loads of free resources for teachers and students. In this session we will take a quick tour of some of the supplementary tools, including TI-Navigator and the calculator's applications.

Focusing on Parabolas (Year 10)

When it comes to parabolas, there's so much more opportunities beyond graphing and factorising. There's an entire unit of work available free on the Texas Instruments website. This session will explore some of the lessons including tips for insert sliders, storing functions and performing transformations.

10:30 – 11:00 Morning Tea

11:00 – 12:30 Session 2:

Problem Solving & Investigations (All)

From families of straight lines, to leaping frogs, there are so many amazing problems to explore. The Monopoly™ series also offers a brilliant opportunity for students to find and explore patterns. In this session, participants will be given the opportunity to select the most appropriate investigations and start exploring!

Activity Focus (Year 10 + TASC 11 & 12)

Interactive Notes are a brilliant way to improve efficiency and can easily be turned into a Widget and used in examinations! Lists, spreadsheets, sequence plots, difference equations, function transformations and much more will be explored in this session through appropriately selected content from the Year 10, 11 and 12 courses.

12:30 – 13:30 Lunch

13:30 – 15:00 Chaos to Pattern (All)

An afternoon of coding with a focus on mathematics. Challenge: What would it look like if you coloured all the even numbers in Pascal's triangle red and the odds in blue? Pattern or chaos? An amazing sequence involving the highest common factor, will it produce a pattern or chaos?

Activity Focus (Year 10 + TASC 11 & 12) Cont.

The journey continues as we progress through other TASC content including trigonometric functions and their graphs, calculus and sampling distributions.