2026

Learn Energise Connect

Victoria

Wednesday 2nd December, 2026

Novotel Melbourne Preston – 215 Bell Street, Preston Vic.

A full day of engaging workshops, where presenters will demonstrate how to make the most of TI technology for your student's success!

Event webpage: **education.ti.com/aus/lec-vic**

Program

Teachers Teaching with Technology™

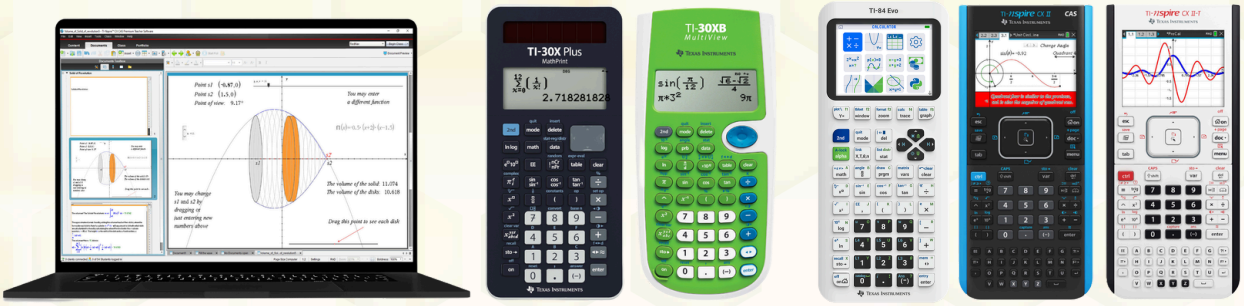
Professional Development from Texas Instruments

Texas Instruments

TI RecogniTIon Program 2027

Join to:

- Receive **Free** Teacher Software
- Earn Points for purchasing TI Calculators
- Earn Points for engaging in Promotions & Activities
- Redeem Points for TI Products, Middle School Student Software or PD



Free Teacher Software

If you are a teacher using TI products, your students will benefit and your classroom will be enriched with Teacher Software.

Use your calculator purchases to access free technology!

Earning Points with Purchases	Points Earned
Each purchase of a TI Graphing Calculator	10
Each purchase of a TI Scientific Calculator	1

Earning Points without Purchases

During the year there be will opportunities for schools to earn points for their school without purchasing! These opportunities will be advertised in our newsletter, so please subscribe at education.ti.com/aus-nz/newsletter .

Register your School at

education.ti.com/au/arp

Turn over to see full details

Redeeming your Rewards is easy!

Free Teacher Software

- TI-Nspire™ CX Premium Teacher Software
- TI-SmartView™ CE Emulator Software for the TI-84 Plus family
- TI-84 Evo Online Calculator
- TI-SmartView™ Emulator Software for TI Scientific calculators

Rewards	Points to Redeem
Calculators	
3 x TI Graphing Calculators (of your choice)	1500
6 x TI Scientific Calculators (of your choice)	300
Middle School Mathematics Software (1 year Subscription)	
TI-Nspire™ CX Student Software (25 User Licence)	250
Accessories	
Teacher Resource Books for VCE (set of 3 books)	300
Teacher Resource Books for QCE (set of 3 books)	300
TI-Nspire™ CX Docking Station (limit of 2 per school year)	350 each
TI Charging Station TI-84 Family	350
TI Rechargeable Battery (10 units)	200
USB Wall Adaptors (10 Units)	200
Professional Development	
Virtual PD (1 Hour)	500
In School PD Event	POA

If you have any questions please contact us via **1300 138 140** or **teacher-support@list.ti.com**

Offer Conditions: Open to **Australian** Schools Only.
Proof of purchase limited to one method, either *Booklist with Letter* or *Invoice/Dealer Form*.
Booklists will require Letter from Head of Maths or Principal stating how many purchases were made.
Please allow 4 weeks for delivery. Purchases / Booklists from 1st October 2026 are eligible for points.
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2026 Learn . Energise . Connect (LEC) Victoria Program

7:45am - 8:25am Arrival, Sign-in, Tea & Coffee	
8:30am - 9:00am Welcome & Keynote	**Location: The Market Rooms**

Session 1

9:10am -10:20am Session 1

A: Concept Demonstrations in General Mathematics
Room: Market 1 *Presenter: David Tynan*
It's not always about the exams. Throughout the teaching of the VCE General Mathematics course, there are many opportunities for teachers to use technology to aid in the demonstration of a concept. In this session, we will present examples relevant to concepts taught in the data analysis, financial mathematics and matrices topics.

B: Getting Started with TI-Nspire CX II CAS – The Calculator Application (Part 1 of 4)
Room: Market 2 *Presenters: Craig Browne & Pam Durrant*
New to TI-Nspire technology? This session (part of a series of four 'Getting Started' sessions) is designed especially for educators taking their first steps with the technology. During the day we will explore the basics (over 4 sessions) and show you how to confidently integrate TI-Nspire CX II CAS technology into your classrooms. No jargon – just practical tips, real examples, and everything you need to get up and running. In this session we will introduce the user interface, as well as the calculator application.

C: Mathematical Investigations for Methods and Specialist
Room: Market 3 *Presenters: James Mott and Bozenna Graham*
In this session, teachers will explore effective strategies for designing rich mathematical investigations tailored to the Mathematical Methods and Specialist Mathematics curricula. Through collaborative analysis of sample 'starting points,' participants will engage in thoughtful discussions on how to adapt and implement these tasks within their own school context. Attendees will gain valuable insights and practical tools for creating investigations that deepen student understanding and enhance the teaching and learning experience in senior mathematics.

D: Rich Mathematics: From Number to Algebra
Room: Courtyard 1 *Presenters: Frank Moya and Roger Wander*
Dive into a rich task that connects number and algebra, offering accessible entry points that lead to surprising extensions. Working fluidly across connected TI-Nspire applications, you'll investigate patterns, form conjectures, and uncover relationships that promote genuine mathematical thinking and reasoning. You'll leave with a ready to use rich task and a framework for designing your own.

E: An Nspired Introduction to Mathematical Methods using CAS
Room: Courtyard 2 *Presenters: Stephen Crouch and Brian Lannen*
New to teaching Mathematical Methods, or returning after a break? This workshop shares practical shortcuts and tips for tackling both simple and advanced concepts across Units 1–4 on the TI-Nspire CAS. We'll also cover key calculator settings and how they affect displayed results — great for building confidence.

F: A Beginner's Guide to General Maths: Matrices and Finance on the TI-Nspire CX II CAS
Room: Courtyard 3 *Presenters: Sandi Leslie and Shelley Pendlebury*
This session introduces newcomers, in General Mathematics, to TI-Nspire CX II CAS technology through two practical, complementary topics: matrices & finance. Participants will learn to enter, manipulate, and solve matrix problems, alongside an introduction to the built-in Finance Solver for everyday calculations like loans, investments and amortisation. Designed for those with little to no prior experience on the platform, this session shows how these two topics can be taught side-by-side to build mathematical and financial literacy.

G: Rethinking CAS in VCE Mathematical Methods: Teaching Beyond UDFs and Widgets
Room: Courtyard 4 *Presenter: Sanjeev Meston*
From 2027, VCE Mathematics examinations will no longer permit widgets and user-defined functions. This session explores how teachers can respond by making fuller use of the built-in functionality of TI-Nspire CX II CAS to build conceptual understanding through graphical, numerical, symbolic, and dynamic representations. Participants will see how purposeful CAS use helps students connect ideas, investigate relationships, recognise patterns, and communicate reasoning. An AI component will consider how teachers and students can create learning and revision resources that strengthen mathematical thinking.

Master TI Technology - FREE Fundamental Courses

Ensure your students know the fundamentals with FREE online courses that support your students. With no prerequisites or sign-ups required, these lessons are suitable for beginners or those wanting to refresh their TI technology skills.

These self-paced courses include:

» Video lessons presented by teachers who use TI technology daily

» An assessment quiz for students to check comprehension

» A certificate of completion, confirming student understanding of the basics

For details, and to see available courses, go to
education.ti.com/en-au/studentcourses

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Session 2

10:20am -10:40am Morning Tea The Market Lobby and the Courtyard Lobby

10:50am - 12:00pm Session 2

A: Mathematical Methods Examination 2 2026

Room: Market 1 *Presenter: Raymond Rozen*

In this session we will look at the some of the questions from the 2025 VCAA Mathematical Methods Examination 2. We will explore how the TI-Nspire™ CX II CAS calculator can be used efficiently to perform the corresponding operations and consider how these affordances and constraints can inform future teaching practice. See how the calculator can benefit students, save time, record solutions and check answers.

B: Getting Started with TI-Nspire CX II CAS – The Graphs & Geometry Application (Part 2 of 4)

Room: Market 2 *Presenters: Pam Durrant & Tim Grabvoszky*

In this session, we will explore the Graphs & Geometry application and whilst linking the graphing functionality to the Calculator application. See how different settings enhance the visual representation of the problem. See how to sketch relations and how to analyse each of these graphs.

C: Teaching Mathematics in the Age of AI: Explore, Validate, and Create

Room: Market 3 *Presenter: Sanjeev Meston*

Generative AI is rapidly changing how students explore, communicate, and learn mathematics, but meaningful classroom use requires more than simply asking an AI tool for an answer. The session will explore how mathematics teachers can use TI-Nspire to investigate, test, and validate AI-generated mathematical outputs through graphical, numerical, and symbolic representations. Participants will look at emerging roles of AI agents and agentic AI in supporting mathematical inquiry and problem solving. An introduction to NotebookLM and Overleaf will also be a part of this session.

D: These are the 'troids you're looking for... Geometry with TI-Nspire CAS (Applicable to Years 8-10)

Room: Courtyard 1 *Presenter: Roger Wander*

In this session, we'll explore ways to visualise the centroid of various polygons, using the Geometry Application of TI-Nspire and various aspects of coordinate geometry. We'll look at how teachers can help students discover centroid properties, and how they might pursue and report on investigations of their own design. Step by step constructions of diagrams will be demonstrated, to encourage teachers to "build their own" to suit varying student ability.

E: Wireless Math & Physics: Telemetry with 2-Micro:bit Radio Bridges on TI-Nspire

Room: Courtyard 2 *Presenter: Paul Rowland*

Middle to Senior Mathematics & Physics (AC V9) Cut the cords and bring real-time motion data straight onto your TI-Nspire handheld! In this hands-on workshop, participants will set up a two-micro:bit radio bridge—using one battery-powered micro:bit as a remote sensor pod and a second as a base receiver plugged into the calculator. Discover how simple Python scripts can capture live telemetry from moving objects (carts, pendulums, incline planes) for dynamic graphing and mathematical modelling. No prior micro:bit or advanced coding experience required.

F: Investigating Sums of Coefficients in an Algebraic Product

Room: Courtyard 3 *Presenter: Peter Flynn*

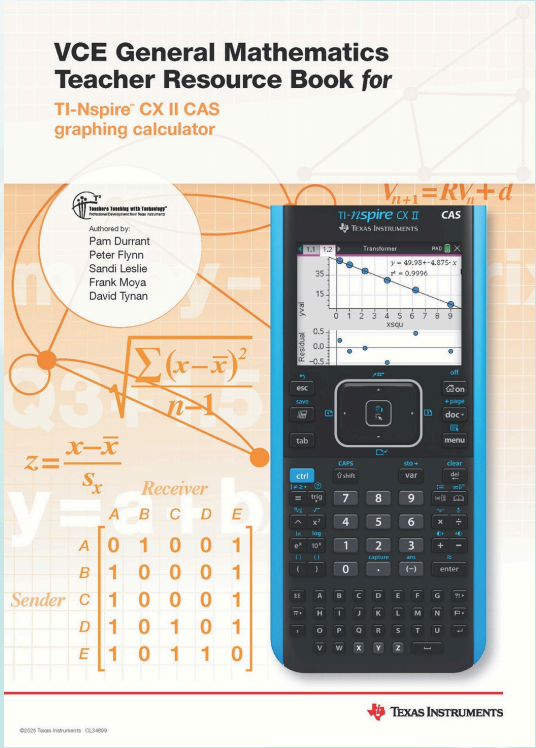
In this session, we will investigate sums of coefficients in an algebraic product. This investigation relies on beautiful properties of complex numbers.

G: Building Computational Efficiency in General Mathematics

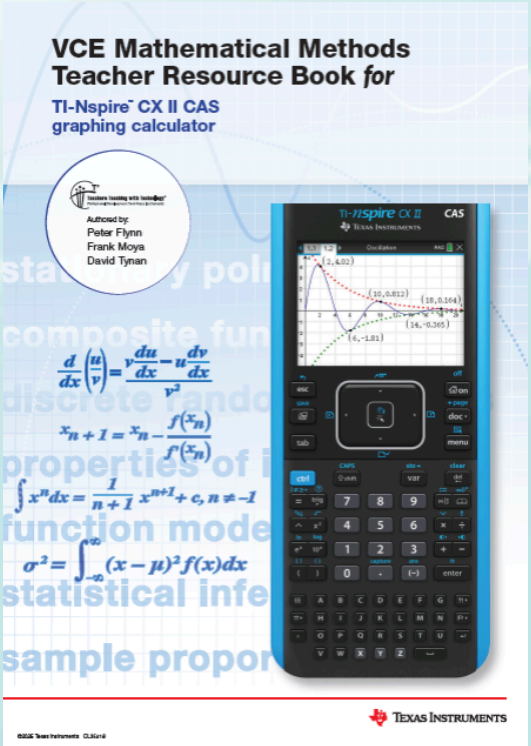
Room: Courtyard 4 *Presenter: David Tynan*

From 2027, during VCE General Mathematics examinations, students will no longer be able to access added features beyond the built-in functionality of their CAS calculators. How will this affect our students, and what steps can we take as teachers to help strengthen their computational thinking and efficiency across GM topics? In this session, we will examine various calculator techniques, shortcuts and strategies which might help students in the end of year exams.

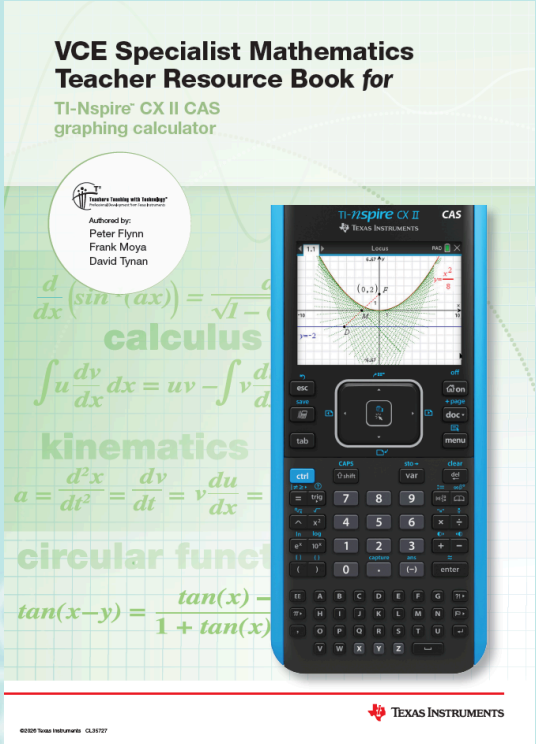
VCE Teacher Resource Books



VCE General Mathematics



VCE Mathematical Methods



VCE Specialist Mathematics

education.ti.com/aus/VIC

Scroll to the bottom of the page to find the downloadable books

Session 3

12:05pm - 1:15pm Session 3
A: Concept Demonstrations in Mathematical Methods **Room: Market 1** *Presenter: David Tynan* It's not always about the exams. Throughout the teaching of the VCE Mathematical Methods course, there are many opportunities for teachers to use technology to aid in the demonstration of a concept. In this session, we will present examples relevant to concepts taught in the functions, calculus, probability and sampling topics.
B: Getting Started with TI-Nspire CX II CAS – The Lists & Spreadsheet Application (Part 3 of 4) **Room: Market 2** *Presenters: Chris Ireson & Craig Browne* In this session we will explore TI-Nspire's Lists & Spreadsheet application and equip you with the skills to confidently use this application in the classroom. Links to ready-to-go classroom activities and other resources will also be provided.
C: Integrating AI into a Thinking Classroom for Mathematics Learning **Room: Market 3** *Presenter: Angel Wong* In this workshop, I will share practical ways I have been using AI to enrich mathematics learning experiences. From creating engaging lesson hooks to designing rich investigations where students use AI as part of the learning process, the focus is on using AI as a pedagogical design partner while keeping mathematical thinking, reasoning and student curiosity at the centre.
D: Visualising Randomness: Probability Simulations for the Secondary Classroom **Room: Courtyard 1** *Presenter: Frank Moya* Explore classic and lesser-known simulation tasks that build strong conceptual foundations for probability. Using real-time dynamic visualisations, you'll investigate chance and randomness through tasks that are accessible to years 9–10 and can be extended through increasingly sophisticated analysis in senior classes. You'll leave with adaptable strategies ready for your own classroom.
E: Wine Anyone? **Room: Courtyard 2** *Presenter: Tim Grabovszky* In this session we will design a wine bottle. It will cover the concepts of volumes of revolution. It could potentially form the basis of an investigation task for Specialist students. We will discover how to perform 3D graphing on the TI-Nspire, perform volumes of revolution around the x and y axes, rotate the area between two curves around an axis, move a slice along a volume, and then finally design a wine bottle to hold 750ml. We will look at animating the volume of revolution.
F: Turtle Pace to Methods Race **Room: Courtyard 3** *Presenter: Shelley Pendlebury* Explore why we include programming and TI-Rovers in Years 8–11 to build stronger foundations for VCE Mathematics. This hands-on workshop follows a progression from Turtle programming to Rover activities that develop understanding of variables, graphs, transformations and rates of change.
G: Using Networking Apps as a Concepts-Teaching Strategy **Room: Courtyard 4** *Presenter: Ben Chenoweth* This session will demonstrate how TI-Nspire CAS applications can be used to teach networking concepts in an interactive/self-discovery way. With the Flow Calculator, students can try out different network configurations, practice calculating cuts in their search for the minimum cut and then experiment with how the maximum flow of a network can be increased by raising edge weights and adding additional edges. Similarly, with Activity Networks students can confirm their EST, LST, float times, and ECT calculations and then develop intuitive strategies for activity network optimisation through experimentation.

ConnecTIng Minds

hosted by **Texas Instruments Australia**

Whether you're looking for innovative teaching strategies, resources to integrate technology into your classroom, or simply want to exchange ideas with like-minded professionals, you're in the right place.

Let's learn, innovate, and succeed—together!

Join the conversation at

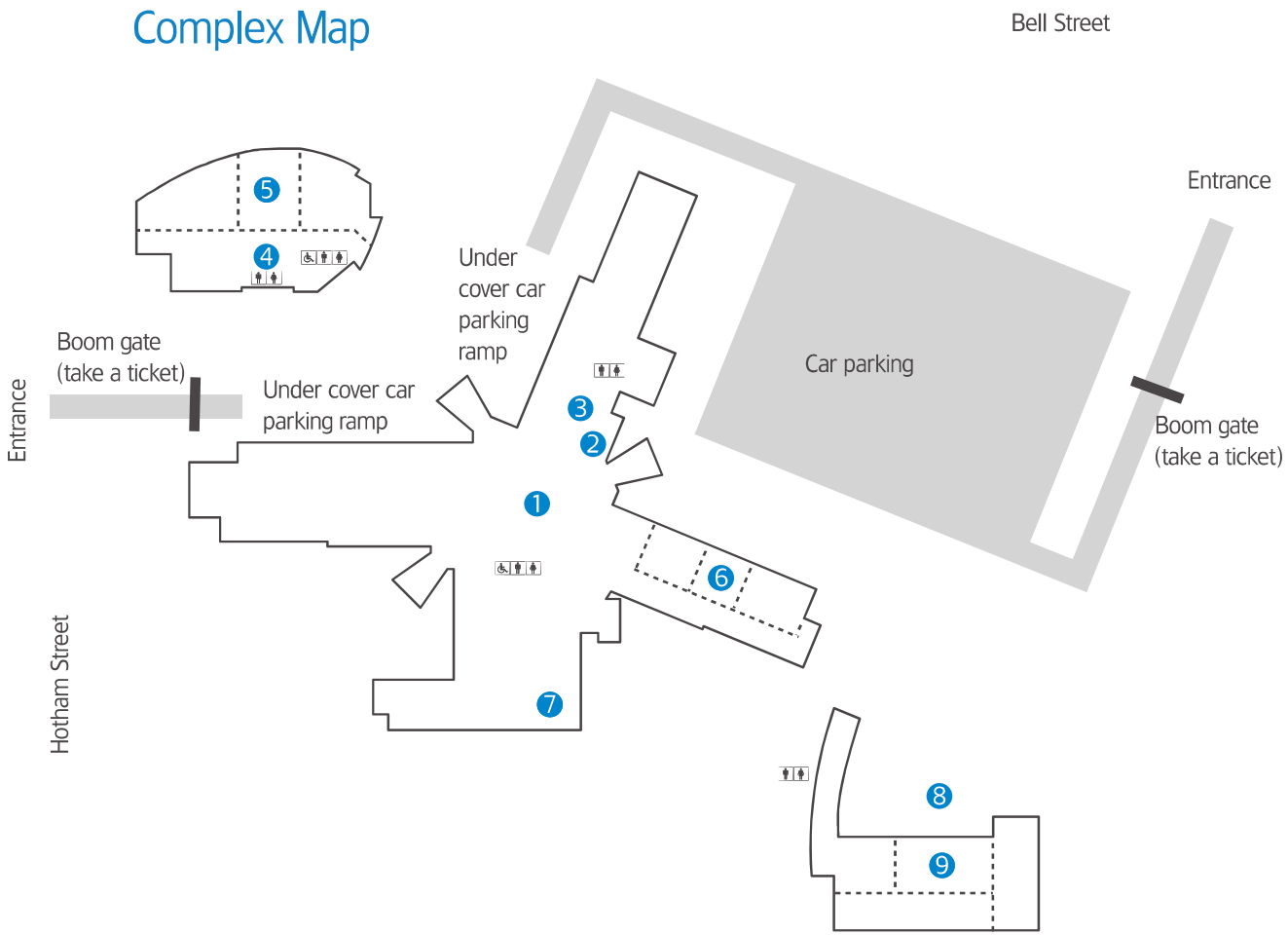
ConnecTIng Minds
LinkedIn Group

T³
Teachers Teaching with Technology™
Professional Development from Texas Instruments

Session 4

1:15pm - 2:15pm	**Lunch @ The Stampton Restaurant**
2:20pm - 3:30pm Session 4	
A: Thinking Classroom Meets AI: Elevating Math Inquiry with TI-Nspire CX II CAS **Room: Market 1** *Presenters: Pam Durrant and Bozenna Graham* How can we transform passive mathematics classrooms into active hubs of deep mathematical inquiry? This interactive workshop integrates Peter Liljedahl's Building Thinking Classrooms (BTC) framework with Generative AI workflows and TI-Nspire™ CAS CX II CAS technology. Educators will experience a simulated thinking classroom—discovering how AI can assist in efficiently designing accessible yet challenging tasks and how dynamic TI-Nspire™ technology enhances student-led conjectures and collaborative problem-solving.	
B: Getting Started with TI-Nspire CX II CAS – The Data & Statistics Application (Part 4 of 4) **Room: Market 2** *Presenters: Stephen Crouch and Chris Ireson* In this session we will explore TI-Nspire's Data & Statistics application and equip you with the skills to confidently use this application in the classroom. Links to ready-to-go classroom activities and other resources will also be provided.	
C: Transforming Understanding: Data Capture with TI-Nspire **Room: Market 3** *Presenters: Roger Wander and Frank Moya* Data capture is a powerful tool for measurement within the Graphs & Geometry application of TI-Nspire CAS. In this session, we'll look at how students can use it to analyse by the effects of transformations on various geometric shapes and coordinate geometry graphs. Learn how to create your own flexible diagrams to promote student curiosity and those " what if...?" questions in your classroom.	
D: No UDFs, No Widgets: VCE General Maths Paper 2 **Room: Courtyard 1** *Presenter: Sandi Leslie* From 2027, VCAA is removing UDFs and widgets from the CAS toolkit for VCE General Mathematics. This session works through the 2026 Paper 2 using only the TI-Nspire's native functionality — solving, graphing and statistics features, matrix commands, and built-in recursive and financial tools — showing teachers how to prepare students to reason through CAS-active questions without pre-built templates. Attendees will leave with practical, exam-ready strategies for the post-2026 classroom.	
E: Identifying Affordances in the Game of Greedy Pig **Room: Courtyard 2** *Presenter: Peter Flynn* Greedy Pig is a popular classroom dice game used to teach concepts in probability. In this session, we aim to play and analyse the game with the goal of identifying some of its affordances for the teaching and learning of VCE Mathematical Methods.	
F: Specialist Mathematics Examination 2, 2026 **Room: Courtyard 3** *Presenters: Raymond Rozen and James Mott* In this session we will look at the questions from the 2026 VCAA Specialist Mathematics Examination 2. We will explore how the TI-Nspire™ CX II CAS calculator can be used efficiently to perform the corresponding operations and consider how these affordances and constraints can inform future teaching practice.	
G: Exponentially Better: Logs, Composites and Inverses **Room: Courtyard 4** *Presenter: Shelley Pendlebury* Growth, decay and the connections between exponential and logarithmic functions; this session explores all things exponential and logarithmic. Using CAS, we'll investigate transformations, composite functions, inverses and a range of modelling contexts. Through graphs, geometry and function tools, we'll connect multiple representations, strengthen conceptual understanding and help students make sense of logarithms. Expect a large dose of Methods and exponentially more confidence.	

Complex Map



Hotel Facilities

1. Novotel Reception
2. Gymnasium & sauna (basement)
3. The Stampton & Co.
4. The Stampton (ground floor)

Event spaces

5. The Market (Level 1)
   Market 1
   Market 2
   Market 3

6. Courtyard 1 2 3
   Courtyard 1
   Courtyard 2
   Courtyard 3

7. Courtyard 4

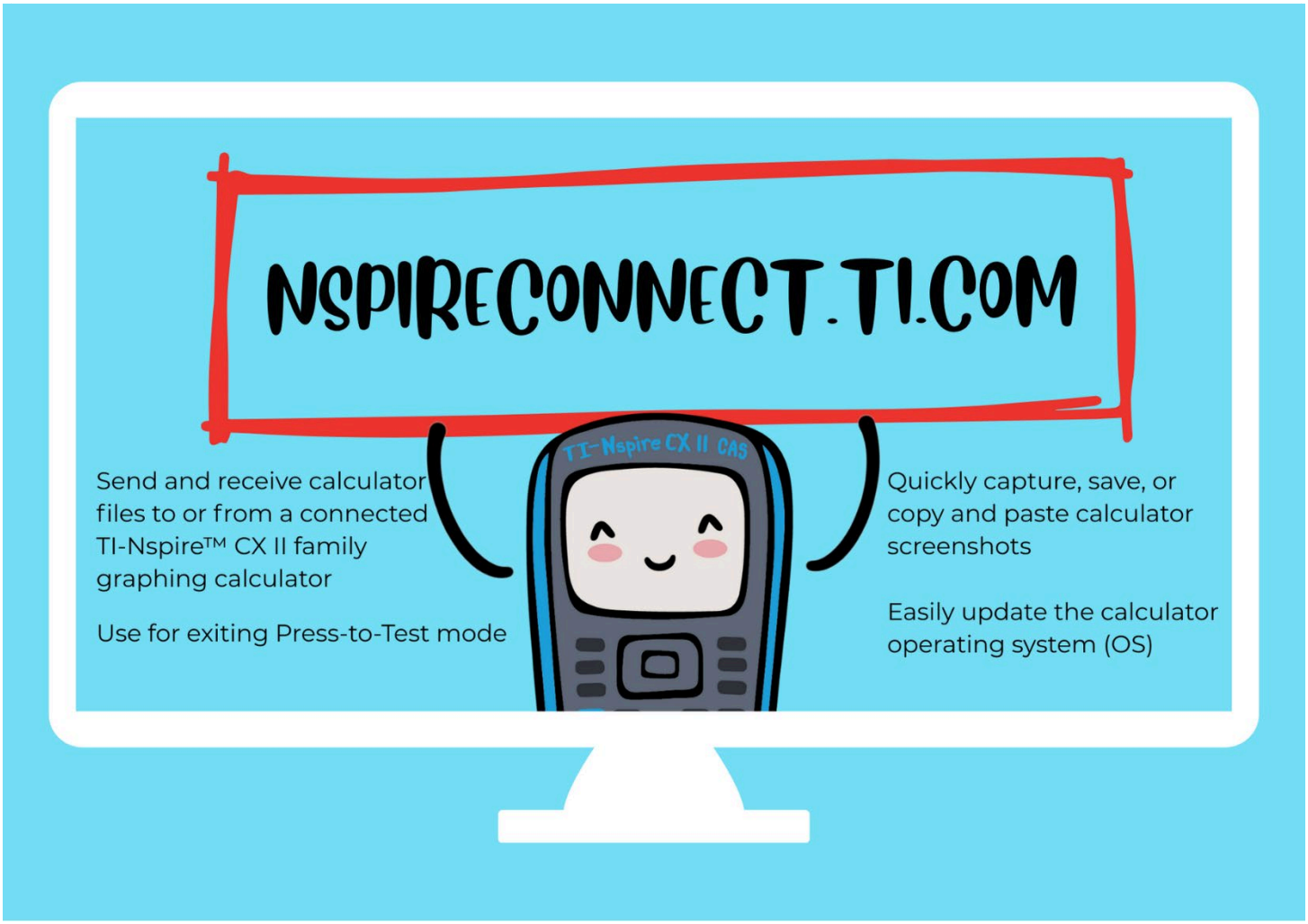
9. The Gardens
   Garden 1
   Garden 2
   Garden 3
   Garden 4
   Garden 5
   The Auditorium

Car Parking

Car parking is available for a small fee. Access to the underground car park is via Hotham Street entry or from the outdoor car park off Bell Street.

Complimentary Car Parking

Complimentary Car Parking for all guests attending the event. Exit passes will be available from your host on the day, please have your entry ticket with you to receive an exit pass.



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