

It Takes a Spark!

STEM Conference

Grace College Lutheran, Rothwell Thursday 25 June 2026

Room and Number of Attendees

Notes:

- T = teacher, PS = Primary Student, SC = Secondary Student.
- If you have Secondary students in a session that is mostly Primary focused, they are Year 7 students
- If you have Primary students in a session that is mostly Secondary focused, they are extension or Yr 6 PS

Rotation #2 11.50am – 12.30pm (40 min) still to allocate 1 teacher

Teacher PD Stream	Room	Presenting	Attending	Extra Space
Maths Made Meaningful CSER STEM, University of Adelaide Primary	F1	Suzanne Carter	5T	5
Bringing STEM to life through video games Future You Primary	C3 Lab (18 PCs)	Rebecca Laurence Harry Twohig	7T	3
The pedagogy of innovation and entrepreneurial thinking Australian Skills Development Institute Secondary	F3	Stella Bachtis Anton Jordaan Rea Bachtis	14T	1
Digidesign	Room	Presenting	Attending	Extra Space
Introduction to Sumo Robotics using mBot2 Corinda State High School Year 4 - 9	VC computer room (24)	Nathaniel Brown	5T + 11PS + 8SC	FULL
Become the power behind Australia's sustainable energy future! Snowy Hydro - Snowy STEM Academy Year 4 - 6	V6 computer room (30)	Erica Gibbs	1T + 23PS	FULL
Stop Motion Animation Digitech Tinker Lab Year 4 - 7	F4	Damien Kee	1T + 26PS	FULL
Think, Create, Prevent: Melanoma Awareness The University of Queensland's Integrated Pathology Learning Centre Year 5 - 8	F5	Rebecca Lush	1T + 7PS + 15SC + GLC Teacher	FULL
Fire Dynamics STEM Lab Rayner Digital Labs Year 7 - 10	F6	Adrian Rayner	6T + 23SC	FULL
The Cosmic Distance Ladder St Ursula's College Toowoomba Year 7 - 10	F7	Stephen Broderick	3T + 26SC	FULL
Maker Squad Manufacturing Challenge Manufacturing Skills Queensland Year 4 - 6	F8	Lauren Mangan Suzanne Kulk Uyen Tran	2T + 27PS	FULL
Curious Minds - Arduino Moving Bots Murrumba State Secondary College Year 7 - 9	F9	Isabella Ridgway Yr9 Helen Hamilton	1T + 11SC	FULL

Eco-Vision: Giving Trash a Brain Southern Cross University Year 5 - 10	S1 Science Lab	Vinh Bui Reza Ghanbarzadeh	2T + 6PS + 14SC	FULL
The Science of Everyday Ingredients Queensland Academy for Science Mathematics and Technology Year 4 - 7	S2 Science Lab	Seema Goel Katherine Cannon	3T + 24PS + 1SC	2
Bowling for Pythagoras Tullawong State High School Year 7 - 9	J1	Alexis Evans	2T + 19SC	FULL
Hidden Worlds Revealed: A Microscopic Science Adventure Ormiston State School Year 4 - 6	J2	Wardah Jakupovic	1T + 22PS + 7SC	FULL
Mathematics, Geometry and Tessellations Students from Islamic College of Brisbane Year 7 - 9	J3	3 x ICB students	2T + 15SC	8
Designing Safe Habitats to survive climate change Students from Islamic College of Brisbane Year 4 - 7	J4	2 x ICB students	GLC Teacher + 10PS + 10SC	3
Community Creators BOP Industries Year 5 - 10	J6 – J7	Chloe Ward Coby Davis	4T + 16PS + 21SC	4
STEM Sail Racing with SailLAB Australian Sailing Year 4 - 10	GLC Pool	Jessica Lundh Annie Watson	3T + 10PS +6SC + Yr 12 STEM captain	FULL

Rotation #3 12.50pm – 2pm (70 min) still to allocate 1 teacher + 7 Yr 11 student presenter

Alternate Teacher PD Stream	Room	Presenting	Attending	Extra Space
Art-based STEAM using 3D printing and Microbits Corinda State High School Primary and Secondary	C3 Lab (18 PCs)	Nathaniel Brown	15T	FULL
Sustainability Innovation Challenge STEM Punks Primary and Secondary	F1	Sara Grigg	8T	6
Bionic Hand Digitech Tinker Lab Primary and Secondary	F4	Damien Kee	9T	5
Problem Solvers	Room	Presenting	Attending	Extra Space
Idea Sparks: Problem to Prototype Living Faith Lutheran Primary School Year 4 - 8	V1	Talitha Phillips	3T + 18PS + 1SC	FULL
Run your own space tourism agency Future You Year 4 - 6	VC Computer Room (24)	Rebecca Laurence Harry Twohig	25PS + GLC Teacher	FULL
Data to Action: Innovating Climate Solutions for a Safer Future CSIRO Year 7 - 10	V6 Computer room (30)	Zaidul Alam	4T + 2PS + 20SC	FULL
Autonomous Vehicles Challenge STEM Punks Year 5 - 10	F3	Gwyneth De Guia	2T + 3PS + 20SC	FULL
Think, Create, Prevent: Melanoma Awareness The University of Queensland's Integrated Pathology Learning Centre Year 7 - 10	F5	Rebecca Lush	3T + 16SC	6

Inspired by Nature: Using Biomimicry to Design Bushfire-Resilient Communities University of Southern Queensland Year 4 - 6	F7	Jane Batham	28PS + GLC Teacher	1
Engaging in inclusive music experiences MindSET-do (UniSC) Year 4 - 8	F9	Sarah Rennick Lana Jeffs Jordan Harris Ekaterina Hiskins	3T + 6PS + 19SC	FULL
To Bee or not to Bee Grace Lutheran College Year 4 - 7	S1 Science Lab	Hayley Charlton- Hume	2T + 23PS + 3SC	FULL
First Nations Aquaculture Deadly Science Ltd Year 4 - 10	S2 Science Lab	Shandelle O'Reilly Jermaine Chong	2T + 11PS + 16SC	FULL
Creating a healthy food future Griffith University Year 7 - 10	J2	Lindsay Brown	3T + 13SC	9
Bridge Builders Showdown UniSC Engineers Year 4 - 7	J3	Kevin Saj Scott Ellis	3T + 27PS +1SC	FULL
Forces in Motion - Design + Build a Toy that moves! Make+Meld Year 4 - 8	J4	Helen Bankes Emily Higgins	1T + 24PS + 5SC	FULL
Build a balloon powered car Engineers Australia Year 4 - 10	J5	Michelle Cook	1T + 9PS + 17SC	FULL
Future Of Retail BOP Industries Year 5 - 10	J6 – J7	Chloe Ward Coby Davis	4T + 11PS + 28SC	2
Build & Program a WiFi Robot (No Coding Required to Start) Stem Academy Year 7 - 10	J8	Tony Grudzinski	5T + 14SC	FULL