

The Knox School, Thursday 22nd October 2026

Room of your workshop and participant numbers

Notes: T = teacher, Yr = Year Level of student

Workshop Rotation One: 9.40am – 10.25am (45 min)

Teacher Mini-Master Classes	Room	Presenter	Attending	Extra Space
What If Students Could Go Where We Physically Can't? From the Classroom to the Crater with VR EdgedVR Primary	Resource Centre FlexiSpace	Gloria Seo Rosanna Cotino	6T	4
Cosmic Crops: Plant Prototyping for Space ARC Centre of Excellence in Plants for Space Primary and Secondary	Futures Hub FH 6	Frazer Thorpe	7T	3
Designing the design sprint Scienceworks / Museums Victoria Primary and Secondary	AR3	Tom Lang	9T	6
Digi-Design Mini-Workshops	Room	Presenter	Attending	Extra Space
Panel Discussion: Imagine a Better Tomorrow - AI and the Human Advantage Real Time Learning Year 7 - 10	David Abraham Auditorium	Tim Kitchen Luke Kerr Matthew Piga Jacqueline Britton Joanne Smyth	8T + 2Yr5 + 1Yr6 + 4Yr7 + 21Yr8 + 8Yr9 + 4Yr10 + 2Yr11	10 spaces (50)
Become the power behind Australia's sustainable energy future! Snowy Hydro - Snowy STEM Academy Year 4 – 6 www.arludo.com Note: will need to double up kids on some computers	Computer Lab IC4	Erica Gibbs	3T + 7Yr4 + 4Yr5 + 16Yr6	FULL (30)
Rolling into STEM - Empowering Future Innovators McKinnon Primary School Year 4 – 6	AR1	Julianne Power Diana Tuyau + 5 PS students	8Yr4 + 6Yr5 + 4Yr6	2 spaces (18)
Race Like an Engineer Monash Motorsport Year 7 - 10	AR2	Anesshae Prekka Nathan Tsige Risini Kulasekera Wageesha Hewaarachchi Ritika Srivathsan Noah Mihalakellis Ned Nixon	1T + 2Yr5 + 1Yr6 + 2Yr7 + 9Yr8 + 8Yr9 + 1Yr10 + 1Yr11	FULL (25)
Hope Is a Thing with Feathers - Nature Writing Workshop Secondary Naomi Woodward (Author/Director/Producer) Year 7 - 10	MR1	Naomi Woodward	2T + 5Yr8 + 5Yr9 + 5Yr10	3 spaces (17)
Speculative Design Sprint – Designing the Future of Learning Victorian Academy of Teaching and Leadership Year 4 - 10	MR6	Philip Thomas Andy Ding	3T + 1Yr4 + 4Yr5 + 12Yr6 + 2Yr8 + 1Yr9	FULL (23)

Zooming Bottle Rockets! Monash High Powered Rocketry Year 4 - 7	Futures Hub FH 1-2	Ved Jathar Arnav Kapoor Ryan Heskey Sahil Mendiratta	4T + 10Yr5 + 15Yr6 + 1Yr7	FULL (30)
Tiny Tech, Big Brains: Building an AI-Powered Fitness Tracker with the micro:bit Mazenod College Year 5 – 9	Futures Hub FH 3	Pravin Vaz	1T + 3Yr5 + 14Yr6 + 2Yr8 + 1Yr9	FULL (21)
Solving social justice issues with technology Keysborough Gardens PS Year 4 – 6	Futures Hub FH 4	Carol Kancachian + 2 PS students	4T + 3Yr5 + 14Yr6	FULL (21)
Zombie Apocalypse Students from Victory Lutheran College Year 6 – 8	Futures Hub FH 5	Jade Tinney + 2 SC students	6Yr5 + 10Yr6 + 6Yr8 + 2Yr9	FULL (24)
Science You Can Wear: A Jewellery Design Workshop Oh Pluto Year 4 - 10	Upper Snr School Science Lab 2L1	Louise van der Werff Kylie Hall	1Yr4 + 13Yr5 + 3Yr6 + 9Yr8 + 1Yr9 + 4Yr10	FULL (31)
Energy Careers – Building a better tomorrow WhyMaker Year 7 - 10	Upper Snr School Science Lab 2L2	Liz Gallo	3T + 1Yr7 + 11Yr8 + 13Yr9 + 2Yr10	FULL (30)
STEAM Expo (17)	Auditorium Foyer		Attending	Extra Space
Snowy STEM Academy - Thinking inside the box Snowy Hydro - Snowy STEM Academy Year 4 - 10	Auditorium Foyer	Michael Stafford	11T + 39PS + 17SC Total = 67	13 spaces
Throw, Track, Triumph: Exploring Chance with Micro:bit Motion Data CSER STEM, Adelaide University Year 4 - 8		Celia Coffa Toni Falusi		
AstroGarden ARC Centre of Excellence for Plants for Space Year 4 - 10		Jordan Witchard		
Learning from Nature: STEM for a Sustainable Future Royal Botanic Gardens Victoria Year 4 – 10		Sally-Anne Fierenzi Amanda Knights		
Fly, Build, Design! Bentley Systems Year 7 - 10		Stephen Corney Raylan Zhang		
Makers Empire: Learning by Design Makers Empire Year 4 - 6		Sharon Morris Lee McNamara		
Coral Reef Rescue EdgedVR Year 4 – 10		Priteen King		
Using Technology to Help Prevent Allergic Asthma Deakin University Year 5 - 8		Kira Hughes Karla Hanoun		
Turn a Device into a Movement Laboratory Pose IQ Year 4 – 10		Hossein Mokhtarzadeh		
Binary Bracelets Get into STEM Year 5 - 8		Fiona Hammond Michelle Hamill Leanne Robertson		
VR 360° Content Creation and VR Game Design Flinders Christian Community College Year 4 – 7		Lyndel Hoy Jared Morgan + 8 PS students		
Stars, Planets & Black Holes: A VR Exploration OzGrav Year 4 – 10 Until the end of lunch time		Jacqueline Bondell Saurav Mishra Paige Taylor		

From Concept to Reality Orchard Grove Primary School Year 4 – 7		Matt Anthony James Dean + 10 PS students		
Seeds of Change: Inside Our Eco Warriors Organisation St Columba's Primary School Year 4 – 6		Emily McCarthy + 6 PS students		
Bringing Regenerative Farming to Life Farm my School Year 4 – 6		Meghan O'Brien		
Drone Flight Simulator Challenge Monash Uncrewed Aerial Systems Year 5 - 10		Ashvin Cali Nick Stringer Johan Joshi Adwik Ghosh		
Hydraulic Forces Unleashed: Build, Move, Engineer Engineers Australia Year 4 – 10		Yamuna Ahuja Nirmala Job Viswanath Manilal Jessey Lee Carly Baptiste Doodley		

Workshop Rotation Two: 11.05am – 12.15pm (70 min)

Teacher Only PD Stream	Room	Presenting	Attending	Extra Space
Built With, Not For: Co-Designing STEM Electives with Students The Knox School Primary and Secondary	Futures Hub FH 3	Darragh Sheehan	14T	2
Hands-on Cybersecurity Workshop La Trobe University – School of Computing, Engineering and Mathematical Sciences Secondary	Auditorium Backstage	Mohammad Chowdhury Mary George Leanne Ngo	6T	4
Problem Solvers	Room	Presenting	Attending	Extra Space
Accessibility Challenge! 3D Printing for Good Clifton Hill Primary School Year 4 – 6	Resource Centre FlexiSpace	Natasha Taylor	5T + 1Yr4 + 2Yr5 + 18Yr6 + 1Yr7	FULL (27)
Become a disease detective- solve an outbreak! Rladies-Melbourne Year 7 – 10 Note: will need to double up kids on some computers	Computer Lab IC4	Dionne Argyropoulos Harriet Mason Kirsty McCann Kathleen Zeglinski	3T + 4Yr6 + 4Yr7 + 2Yr8 + 12Yr9 + 2Yr10	FULL (27)
Exploring the Moon with Australia's Rover - Roover Victorian Space Science Education Centre Year 7 - 10	AR1	Mark Gleeson Danielle Shean	5T + 1Yr6 + 1Yr7 + 11Yr8 + 11Yr9	FULL (29)
Empowering everyone's creativity Yarra Ranges Tech School Year 5 – 10	AR2	Bridget O'Leary	4T + 6Yr5 + 9Yr6 + 1Yr9	FULL (20)
Imagining a better transportation system Scienceworks / Museums Victoria Year 5 - 8	AR3	Tom Lang	4T + 9Yr5 + 13Yr6 + 4Yr8	FULL (30)
Helix Basket Bot Ai Cubed Academy Year 4 - 6	Front Area David Abraham Auditorium	Dion Stojavljevic Zhizhong Cheng	4T + 8Yr4 + 10Yr5 + 22Yr6	FULL (44)
Tinker Tales: Inventor's Quest Wonder Bitz Year 4 - 6	MR1	Darcy Moore	4T + 8Yr4 + 3Yr5 + 7Yr6	FULL (22)

Inspired by Nature: Discovering design secrets from the natural world Royal Botanic Gardens Victoria Year 4 - 10	MR6	Sally-Anne Fierenzi Amanda Knights	2T + 6Yr5 + 8Yr6 + 3Yr7 + 3Yr8 + 6Yr9	FULL (28)
Moonbase – Designing to Survive and Thrive ARC Centre of Excellence for Plants for Space Year 4 - 10	Futures Hub FH 1-2	Frazer Thorpe Jordan Witchard	3T + 8Yr4 + 6Yr5 + 23Yr6 + 1Yr7 + 2Yr8	FULL (43)
Design it. Fold it. Show it off. Get into STEM Year 5 - 8	Futures Hub FH 4	Fiona Hammond Michelle Hamill Leanne Robertson	1T + 11Yr5 + 1Yr6 + 12Yr8 + 1Yr9	FULL (26)
Tiny homes for the homeless Victory Lutheran College Year 5 – 10	Futures Hub FH 5	Jade Tinney + 2 SC students	2T + 7Yr5 + 5Yr6 + 3Yr9	8 spaces (17)
A Better World Is Possible: Design Thinking & Futurism Casey Tech School Year 6 - 10	Upper Snr School Science Lab 2L1	Bill Murphy	2T + 4Yr6 + 11Yr8 + 2Yr10 + 1Yr11	5 spaces (20)
Powered by Possibility (and a Mousetrap) Casey Tech School Year 8 - 10	Upper Snr School Science Lab 2L2	Christopher Main	2T + 16Yr8 + 6Yr9 + 5Yr10 + 1Yr11	FULL (30)
Build your own Mini-BB Rovers – extended! Monash Nova Rover Year 5 - 10	Upper Senior School Classroom 203	Benjamin Grant Joshua Sin	4T + 4Yr4 + 9Yr5 + 5Yr6 + 2Yr8 + 4Yr9	FULL (28)
Learn to Design Games: Mechanics, Dynamics, Aesthetics Monash University Year 6 - 10	Upper Snr School Multipurpose area MPA1	Phoebe Touns Dugas	2T + 14Yr6 + 1Yr7 + 4Yr8 + 7Yr9 + 3Yr10 + 1Yr11	FULL (32)

Workshop Rotation Three: 1.35pm – 2.20pm (45 min) –

Teacher Mini-Master Classes	Room	Presenting	Attending	Extra Space
Make Sense of AI: Teach It Clearly, Use It Ethically, Apply It Confidently CSER STEM, Adelaide University Primary and Secondary	Auditorium Backstage	Celia Coffa	10T	5
Belonging by Design: Inclusive STEM Classrooms Get into STEM Primary and Secondary	Futures Hub FH 4	Michelle Hamill Leanne Robertson	8T	7
Future Materials Lab Frankston High School Secondary	Upper Snr School Science Lab 2L2	Sarah Edwards Birra-Li Ward	6T	4
Digi-Design Mini-Workshops	Room	Presenting	Attending	Extra Space
You are our next CyberHero! La Trobe University – School of Computing, Engineering and Mathematical Sciences Year 7 - 10	Computer Lab IC4	Mohammad Chowdhury Mary George Leanne Ngo	5Yr7 + 7Yr8 + 6Yr9 + 2Yr11	FULL (20)
Design the Future: Build a Better Planet in VR EdgedVR Year 7 - 10	Resource Centre FlexiSpace	Gloria Seo Rosanna Cotino	2T + 3Yr7 + 4Yr8 + 10Yr9 + 3Yr10	FULL (22)

Get ready to engineer with Robogals! Robogals Melbourne Year 4 - 8	AR1	Sophia Kondos Lynh Vu	3T + 3Yr4 + 11Yr5 + 17Yr6	FULL (34)
Race Like an Engineer Monash Motorsport Year 7 - 10	AR2	Risini Kulasekera Wageesha Hewaarachchi Ritika Srivathsan Noah Mihalakellis Ned Nixon	2T + 13Yr8 + 7Yr9 + 3Yr10	FULL (25)
Build and Fly: Glider Design Challenge Monash Uncrewed Aerial Systems Year 5 - 10	AR3	Ashvin Cali Joel Tan Nick Stringer Dean Mirfakhraei Harshil Dobariya	4T + 2Yr5 + 19Yr6 + 7Yr8 + 1Yr9	FULL (33)
Hope Is a Thing with Feathers - Nature Writing Workshop Primary Naomi Woodward (Author/Director/Producer) Year 4 - 6	MR1	Naomi Woodward	1T + 7Yr4 + 9Yr5 + 3Yr6	FULL (20)
Speculative Design Sprint – Designing the Future of Learning Victorian Academy of Teaching and Leadership Year 4 - 10	MR6	Philip Thomas Andy Ding	6T + 5Yr5 + 12Yr6 + 3Yr8 + 1Yr9	FULL (27)
Zooming Bottle Rockets! Monash High Powered Rocketry Year 4 - 7	Futures Hub FH 1 - 2	Ethan Cheung Nachanok Kladsamniang Eric Liang Finn Cracknell Ibrahim Saneeh Ali	4T + 3Yr4 + 8Yr5 + 13Yr6 + 2Yr8	FULL (30)
Detecting the Unseen: Dark Matter ARC Centre of Excellence for Dark Matter Particle Physics Year 7 - 10	Futures Hub FH 3	Jacqueline Bondell Saurav Mishra Paige Taylor	2T + 1Yr6 + 9Yr8 + 8Yr9 + 5Yr10	FULL (25)
Designed by Nature: Innovating with Biomimicry Students from Victory Lutheran College Year 5 – 8	Futures Hub FH 5	Jade Tinney + 2 SC students	1T + 3Yr4 + 5Yr5 + 8Yr6 + 8Yr8	FULL (25)
Science You Can Wear: A Jewellery Design Workshop Oh Pluto Year 4 - 10	Upper Snr School Science Lab 2L1	Louise van der Werff Kylie Hall	4T + 1Yr4 + 2Yr5 + 13Yr6 + 10Yr9	FULL (30)
Build your own Mini-BB Rovers! Monash Nova Rover Year 5 - 10	Upper Senior School Classroom 203	Ava Kernich Tashvi Vig Yona Li Martin Surjadi	2T + 1Yr4 + 3Yr5 + 12Yr6 + 3Yr8 + 5Yr9 + 1Yr11	FULL (27)
STEAM Expo (16)	Auditorium Foyer	Presenting	Attending	Extra Space
Snowy STEM Academy - Thinking inside the box Snowy Hydro - Snowy STEM Academy Year 4 - 10	Auditorium Foyer	Erica Gibbs Michael Stafford	9T + 49PS + 22SC Total = 80	FULL
Throw, Track, Triumph: Exploring Chance with Micro:bit Motion Data CSER STEM, Adelaide University Year 4 - 8		Toni Falusi		
AstroGarden ARC Centre of Excellence for Plants for Space Year 4 - 10		Frazer Thorpe Jordan Witchard		
Learning from Nature: STEM for a Sustainable Future Royal Botanic Gardens Victoria Year 4 – 10		Sally-Anne Fierenzi Amanda Knights		

Fly, Build, Design! Bentley Systems Year 7 - 10	Auditorium Foyer	Stephen Corney Raylan Zhang	
Makers Empire: Learning by Design Makers Empire Year 4 - 6		Sharon Morris Lee McNamara	
Coral Reef Rescue EdgedVR Year 4 – 10		Priteen King	
Year 4 – 10			
Turn a Device into a Movement Laboratory Pose IQ Year 4 – 10		Hossein Mokhtarzadeh	
Binary Bracelets Get into STEM Year 5 - 8		Fiona Hammond Alice Freeman	
VR 360° Content Creation and VR Game Design Flinders Christian Community College Year 4 – 7		Jared Morgan Toni Steinbergs + 8 PS students	
Seeds of Change: Inside Our Eco Warriors Organisation St Columba's Primary School Year 4 – 6		Emily McCarthy + 6 PS students	
Bringing Regenerative Farming to Life Farm my School Year 4 – 6		Meghan O'Brien	
Exploring the Digestive system Eltham Primary School Year 4 – 8		Angela White + 6 PS students	
Engineering in Action! Robogals Melbourne Year 4 - 10		Miyu Otsuki Scarlett Giang	
Using Technology to Help Prevent Allergic Asthma Deakin University Year 5 - 8		Kira Hughes Karla Hanoun	
Hydraulic Forces Unleashed: Build, Move, Engineer Engineers Australia Year 4 – 10		Yamuna Ahuja Nirmala Job Viswanath Manilal Jessey Lee Carly Baptiste Doodley	

Completing the Day: 2.25pm – 2.45pm (20 min)

- Attendee feedback & prizes + Acknowledgements

Presenter Information

- **STEM Expo presenters:** bring your own trestle cloths, power boards, and extension cords for your table(s)
- **Workshop presenters:** The Knox School will have HDMI cables available to connect to the TVs in each room. If you have a Macbook then bring your own dongle to connect to the HDMI cable.

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Mobile phone for IT Support: 0447317425