PROGRAM

Please click on the workshop sessions titles for more information about the workshops. *Please note – Practical workshops may have limited spaces available.*

			EARLY LEARNING	PRIMARY	SECONDARY	LEADERSHIP
8:00am	**Registration and coffee**					
8:30am	**Welcome**	Her Excellency, The Honourable **Kerry Sanderson**				
8:40am	**Video Message**	**Peter Klinken** WA Chief Scientist				
8:45am	**Keynote 1**	**Lee Watanabe Crockett** Future focused learning: Solving problems that matter				
9:35am	**WORKSHOP 1**					
	Lee Watanabe Crockett 10 Essential Shifts of Practice		●	●	●	●
	Professor David Gibson Challenge-based learning: Advancing collaborative problem solving		●	●	●	●
	Shannon Armitage, Tina Russell & Nathan Ducker 21st Century Learning Design		●	●	●	●
	Jan Clarke An Ozobot PlayDate (Practical)		●	●		
	Dr. Rachel Sheffield & Paul Moro Let's DREAM: The Future of STEM through a distributed professional network					●
	Magda Thibaut Code Camp (Practical)		●			
	Carl Conquilla Sewable Electronics (Practical)			●		
	Shirin Reyhani STEM course				●	
	Peter Allen 'You won't lose your job to a computer' – tackling STEM across K-12					●
	Kim Flintoff Blending serious games with online courses to facilitate multidisciplinary learning				●	●
	Jarrad Strain Raspberry Pi, Music and Technology in Year 10 Maths (Practical)				●	
10:20am	**Morning Tea**					
10:50am	**WORKSHOP 2**		EARLY LEARNING	PRIMARY	SECONDARY	LEADERSHIP
	Lee Watanabe Crockett The Six Essential Fluencies		●	●	●	●
	Professor David Gibson Challenge-based learning: Advancing collaborative problem solving	*Repeat*	●	●	●	●
	Dr Elaine Blake Enhancing young children's Science learning and identity (Practical)		●	●		
	Kim Flintoff Creativity via Big Data				●	●
	Paul Moro, David Hollands & Andre Schoen Immersive Technologies (VR, AR & AI): Will they be a game changer in educating our students?			●	●	
	Peter Crosbie How can you measure the impact of technology on your teaching and learning practices? (BrightBytes workshop)					●
	Jan Clarke iSTEM ideas for early learners		●	●		
	Shirin Reyhani STEM course	*Repeat*			●	
	Peter Allen 'You won't lose your job to a computer' – tackling STEM across K-12	*Repeat*				●
	Magda Thibaut Code Camp (Practical)	*Repeat*	●			
	Brooke Krajancich Mathematics needs a Makeover				●	●
	Megan Pusey Using Minecraft in the classroom			●	●	
11:40am	**Keynote 2**	**Dan Bowen** Exploring the rise of the intelligent machines and future trends				
12:30pm	**Lunch**					
1:35pm	**WORKSHOP 3**		EARLY LEARNING	PRIMARY	SECONDARY	LEADERSHIP
	Lee Watanabe Crockett Creativity in Schools		●	●	●	●
	Dan Bowen STEM tools and strategy, from coding to Minecraft		●	●	●	●
	Mandy Bamford Nature in Schools – Bringing STEM to Life: Thinking Ecologically		●	●		
	Scitech Tech Play (Practical)		●	●		
	Steven Payne Office 365 and OneNote for STEM learning and teaching (Practical)				●	●
	Michael Webb Mathematical Modelling and Robotics in the Primary Classroom		●	●		
	Travis Vladich How John Curtin SHS established a Vision for STEM and how they focused on their college value of creativity, innovation and Imagination to establish and motivate Collaboration amongst staff				●	●
	Hall Jackson Breakout EDU: Beyond the boxes (Practical)			●	●	●
	Jacinta Blencowe Mathematics, the language to support, describe and enhance STEM (Practical)			●		
	Dr Susan James CHOOSEMATHS Careers				●	●
	Kim Maslin Digital Literacy in the Logic Lab		●	●		
2:25pm	**WORKSHOP 4**		EARLY LEARNING	PRIMARY	SECONDARY	LEADERSHIP
	Gabrielle Migliore For Inspiration and Recognition of Science and Technology (FIRST) and EV3 Mindstorm Robotics (Practical)		●	●	●	●
	Dr Elaine Blake Enhancing young children's Science learning and identity (Practical)	*Repeat*	●			
	Wendy Gorman An introduction to the Little Scientist Program (Practical)		●	●		
	Kate Gillam Unmasking E-Textiles (Practical)				●	
	Lainey Weiser Design Thinking Workshop (Just Start It) (Practical)			●	●	●
	Paul Moro, Hall Jackson & Andre Schoen Can we get creative with STEM in Primary Schools by taking on a Technologies & Design Thinking through a Project Based Learning approach?		●	●		
	Steven Payne Office 365 and OneNote for STEM learning and teaching (Practical)	*Repeat*		●	●	
	Travis Vladich How John Curtin SHS established a Vision for STEM and how they focused on their college value of creativity, innovation and Imagination to establish and motivate Collaboration amongst staff	*Repeat*			●	●
	Tanya Lee Technology in Art			●	●	●
	Alexandra Myer & Deborah Yates Focus on STEM in the Ashdale cluster: An approach to implementing STEM teaching and learning				●	●
3:15pm	**Keynote 3**	**Lee Watanabe Crockett** Digital Citizenship				
4:00pm onwards	**Sundowner**					