





NSW Education Innovation Showcase

Transforming the Future of Education

Wednesday, 13 September 2023

Queen Elizabeth II Grandstand, Royal Randwick Racecourse







NSW Government Education Innovation Showcase 2023

The 2nd edition of NSW Education Innovation Showcase explores the rapidly evolving future of education, addressing the challenges and opportunities arising from technology and changing learning needs.

With a focus on promoting excellence in education, the conference will bring together education leaders, teachers and policy makers to discuss the critical issues facing contemporary learning, from anytime / anywhere learning, seamless service delivery, data driven insights and cognitive analytics to personalisation and adaptive learning platforms.

With an interactive format of content and knowledge sharing, the conference will feature a range of keynotes, thought leadership panel discussions, and an industry led exhibition showcasing solutions for digitally-enabled schools, additional learning channels, and technology-enabled immersive learning experiences. Attendees will also learn about the creation of enhanced learning environments through applications of augmented reality, virtual reality, and the Internet-of-Things.

NSW Education Innovation Showcase is an essential gathering for 2023, providing a blueprint for efficiencies which will enable educators, department staff and government employees to focus on the right work, as well as ensuring that every learner is known, valued and cared for. Whether you are a teacher, policy maker, education leader, or just passionate about education, this conference is not to be missed.



Who You'll Meet

Senior Public Sector Leaders from:

- Principals
- Deputy/Assistant
 Principals/Deans/Directors/
 Executive Team
- Heads of School and Years
- Heads of Technology/ICT

- Department Heads
- Classroom Teachers
 - NSW Department of Education
 - Solution Providers

Benefits of Attending



Stay up-to-date on the latest trends and innovations in K-12 education



Network with other educators, administrators, and technology experts



Gain new ideas and insights to enhance teaching and learning in your own classroom or school



Learn from leading experts and thought leaders in the field of education



Participate in interactive workshops, panel discussions, and other educational sessions



Discover new tools and resources to help improve student outcomes



Share best practices and collaborate with others to address common challenges

Key Themes for 2023

Plenary

The plenary session will focus on strategy and policy and will provide an opportunity for attendees to gain a deeper understanding of the challenges and opportunities facing the NSW education system.

Evolved Learning

The Evolved Learning stream will centre around improving digital teaching and learning by creating and supporting quality resources for customised lifelong education experiences. To enhance learning in NSW, schools will need to evolve to make best of use of educational technologies available to them.

Safe, Secure, & Simplified IT

Embedding safe, secure, and simplified IT across all our schools, education centres, and systems to protect the privacy and safety of our department staff, students, learners, parents, carers and community, and improve IT capabilities to reduce technical debt is critical. This stream will look at how these challenges are being addressed across NSW.

Excellence in Operations

The education sector faces many challenges, including administrative overheads, complex service management processes, slow access to data, and low-quality data, which limit the ability to make insight-driven decisions. This stream will look at tackling these with a focus on consolidating and standardising administrative services, by simplifying digital services and support for schools. In addition, improving access to data to support leaders and support staff for planning and making insight-driven decisions

Your Speakers



The Hon. Prue Car
Deputy Premier, Minister
for Education and Early
Learning



Murat Dizdar

Secretary



Zoe Arthur *Manager, Sustainability*



Darren AveryLeader, Online Teaching
and Learning, Educational
Standards

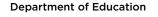


Rebecca Bendikov

Head of Education



Rod Cheal
Science and Technology
Advisor, Curriculum Early
Years and Primary Learning



Department of Education

Department of Education

Lumination

NSW Primary Principals' Association



Lauren Crockford

Teaching and Learning

Advisor, Emerging

Technology and Artificial

Intelligence



Louise Farrell
Learning and Development
Manager



Rural and Remote Curriculum Provisions Coordinator, Rural and Distance Education



Kevin ElgoodPrincipal, SPC Technology
Reference Group Leader



Maricris Espinosa

Manager, Application

Development, Student

Assessment and Online

Reporting

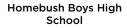


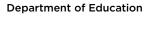
Robyn Evans
President

Department of Education

Animal Logic

Department of Education





NSW Primary Principals' Association



Louise Farrell

Director of Inclusive

Education



DAVID FISCHL

Legal Digital Transformation

Lead Partner



Mark Flanagan
Learning and Development
Manager



Courtney Frost
Curriculum Support Advisor,
Science and Technology,
Primary Curriculum



Blake Garrett
Founder & CEO



Mark Greentree Executive Director, Digital Learning

Department of Education

Hicksons

Animal Logic

Department of Education

School Bytes

Department of Education



Libby Hansell Assistant Principal

Bathurst West Public



Dan Hart Head of Al, ITD Data **Analytics**

Department of Education



Jim Hayden Project Lead, Al Teaching & Learning

Department of Education



Jacky Hodges Principal

Department of Education



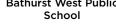
Mohamad Jebera Founder

Mathspace



Megan Kelly Executive Director, Curriculum and Reform

Department of Education





Ruanne Kelly Cyber Security Compliance Officer



Ricky Kradolfer Department of Education

Amplify Music Education



Alexandra Laurence Leader, CEO, Online Teaching and Learning

Department of Education



Neil Lavitt Principal

Cronulla South Public

School



Selena Loucas Parent Experience

Department of Education



Gabe Marzano Cyber Security Evangelist

Palo Alto Networks

Department of Education



Michelle Michael Director, Educational Support and Rural Initiatives

Leanne Nixon Deputy Secretary, Learning Improvement



Kristie O'Neill Director, Literacy and Numeracy



Laura Peisley Career Development Manager



Craig Petersen President

Innovation Lead — stem.T4L, Information Technology Directorate

Rob McTaggart

Department of Education

Department of Education

Department of Education

Career Tools

NSW Secondary Principals' Council

Department of Education



Tim Power
Co-Founder & CEO

Inquisitive



Rachel Quinn Hero Consultant & Luke Norman

Senior Hero Consultant



Daniel Rattigan

Principal

Finigan School of Distance

Education

Head of Schools

Joshua Ravek

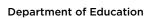
Finigan School of Distance

Education



Chris Robertson

Principal





Josh Roberts

A/Chief Information and
Data Officer

Department of Education



Claire Ryan
Visual Arts Subject
Coordinator

Coordinator

Molong Central School



Mona Sidhu

Cyber Security Awareness
and Education Manager

Department of Education

reness Executive Director, lager Digital Strategy, Data & Architecture

Department of Education

Monica Strong



Kate Thompson

Stage 6 Advisor, Curriculum Secondary Learners, Educational Standards

Department of Education



Megan Townes

APAC Regional Lead

Canva for Education



Bonnie Tratt

DART Learning Manager, Educational Support and Rural Initiatives

Department of Education



Darryn van Tonder
Director, Data Analytics,

Digital Strategy and Delivery

Department of Education



Sally Webster Head of K-12 Schools Industry

AWS



Danielle Westbury

Community & Partner Manager

Career Tools



Paul Wood

Executive Director, Educational Standards

Department of Education



Jane Zappas

Biology Subject Coordinator

Ulladulla High School



Sarah Zenon

Digital Strategy Director

Department of Education



8:00am	Networking Tea & Coffee		
8:30am	Welcome to Country		
	Gadigal Elder Uncle Allen Madden		
8:40am	Welcome from Public Sector Network		
8:50am	Welcome from the Chair		
	Leanne Nixon, Deputy Secretary, Learning Improvement, Department of Education		
9:00am	Ministerial Address		
	The Hon. Prue Car, Deputy Premier, Minister for Education and Early Learning		
9:10am	Government Keynote: Grounding the Future of NSW Education: Practical Applications for Emerging Trends and Innovations		
	The education landscape: Transformational progress, successful initiatives through commitment and leadership		
	Future-Ready Curriculum: Adapting Education to Emerging Trends and Innovations		
	Enhancing Digital Literacy: Strategies for Empowering Students and Educators		
	Capitalising technology and bridging the Digital Divide: Equitable access and its application		
	Murat Dizdar, Secretary, Department of Education		
9:30am	Fireside Chat: Achieving a More Diverse and Inclusive Education Sector: Meeting Evolving Demands, Desires and Requirements		
	How can we best support inclusion for disadvantaged learners?		
	Staff and student wellbeing: Working smarter not harder		
	 Leveraging a diverse network of teachers and school leaders for better student learning outcomes and support 		
	Murat Dizdar, Secretary, Department of Education		
	Libby Hansell, Assistant Principal, Bathurst West Public School		
9:45am	Partner Perspective: Digital transformation journey in schools using modern cloud based software		
	This keynote will showcase the digital transformation journey of schools through their adoption of cloud software platforms		
	• See how schools all across NSW are using technology to simplify their daily administrative tasks and improve the user experience for staff, students and parents		
	Explore the change management process for introducing new software platforms		
	Blake Garrett, Founder CEO, School Bytes		
10:05am	Panel Discussion: Education in a Digital World: Next Steps in Leveraging Technology as an Enhancer of Teaching and Learning		
	Sense-checking existing tools, strategies and technologies: what has delivered the most benefit?		
	 Aligning strategy and investment: what do students really desire and need from their education experience? 		
	 Navigating the realm of technology-enabled immersive learning experiences and schools: where do the practical applications lie? 		
	Kevin Elgood, Principal and SPC Technology Reference Group Leader, Homebush Boys High School		
	Robyn Evans, President, NSW Primary Principals' Association		
	Neil Lavitt, Principal, Cronulla South Public School		
	Craig Petersen, President, NSW Secondary Principals' Council		
	Moderator: Mark Greentree, Executive Director, Digital Learning, Department of Education		
10:35am	Morning Tea		

STREAMS	Evolved Learning Ballroom C	Safe, Secure, & Simplified IT Ballroom B	Excellence in Operations Ballroom A
11:10am	Welcome from Stream Chair Mark Skein, Rural and Distance Education Coordinator, Educational Standards	Welcome from Stream Chair Michelle Michael, Director, Educational Support and Rural Initiatives, Department of Education	Welcome from Stream Chair Paul Wood, Executive Director, Educational Standards, Department of Education
11:20am	Government Keynote: Navigating the Digital Transformation Journey: Evolving to Meet a New Era of Digital Learning Requirements	Government Keynote: A Symphony of Possibilities: The Future of Learning and Creativity	Government Keynote: Al-Driven Future in Education: Simplifying, Enhancing, and Integrating Al Platforms and Architecture
	 Making the best of use of educational technologies: how can we better cater for successful approaches to learning? 	Is using AI being creative or is AI focused on achieving results? Explore the relationship of creativity and AI with practical teaching and learning examples. Jim Hayden, Project Lead, AI Teaching & Learning, Department of Education	Simplified AI Architecture for all: Demystifying generative AI, the steps towards whole of government architecture that promotes
	 Navigating the realm of Digital Learning Tools: what do we need to do to enhance integration and support staff in the shift? 		inclusivity and innovationCrafting AI-Enhanced Experiences: The journey of designing meaningful AI interaction
	Alexandra Laurence, Leader, CEO, Online Teaching and Learning, Department of Education		 A glimpse into the Al-Augmented future: Demonstrating the potential, how Al can revolutionize our access to information
			Dan Hart, Head of AI, ITD Data Analytics, Department of Education
			Darryn van Tonder, <i>Director, Data Analytics, Digital Strategy and Delivery,</i> Department of Education
	11:40am Partner Session: How can we help lift teacher wellbeing?More time and better quality lessons for	 11:50am Fireside Chat: What's Next and Why Does it Matter? Navigating the Next Phase of Digital Transformation in Schools to Enhance Learning Experiences Unpacking the NSW Department of Education Digital Strategy Improving IT capabilities to reduce technical debt & deliver seamless services 	11:50am Panel: The Pivotal Role of Data: Making Best Use of Al and Machine Learning for Enhanced Learning and Improved Efficiencies
	teachers • The underlying research and pedagogies		 Applying data, ML and AI in teaching and learning -insights into learning behaviour, preferences and best approaches
	The timetable for support over the next 3 years Tim Power Co. Foundar and CEO. Inquisitive.		 Utilising data for process innovation: applying human centric design principles to drive a
	Tim Power, Co-Founder and CEO, Inquisitive	How can we deliver improved connectivity	student centric education system

and embed safe, secure, and simplified IT?

and their stakeholders

Department of Education

of Education

Sarah Zenon, Digital Strategy Director,

Moderator: **Monica Strong**, *Executive Director*,

Digital Strategy, Data & Architecture, Department

• Aligning education outcomes with digital and Evidence, Department of Education enablers to simplify experiences for schools Maricris Espinosa, Manager, Application

Development, Student Assessment and Online Reporting, Department of Education

Moderator: Paul Wood, Executive Director, Educational Standards, Department of Education

Jacky Hodges, Executive Director, Schools Policy

12:00pm Panel: Ushering in a New Era of Teaching and Learning - Exploring Emerging Opportunities and Challenges

- The new paradigm of education: What successful shifts do we build on? Why and how?
- Successful pedagogical methods and their integration: How can we continue to develop, apply and scale innovative pedagogies in the future?

Kristie O'Neill, *Director, Literacy and Numeracy,* Department of Education

Daniel Rattigan, Principal, *Finigan School of Distance Education*

Ricky Kradolfer, Co-founder, *Amplify Music Education*

Moderator: **Darren Avery,** *Leader, Online Teaching and Learning, Educational Standards,* Department of Education

12:30pm Partner Perspective: Why educators must lead the charge for adopting AI in the classroom?

There's been a lot of debate about slowing down AI development while we come to terms with the increased capabilities of large language models. Schools and school systems have discussed ways of banning or restricting student access to tools like ChatGPT. In this talk, we will share why it's essential that educators embrace AI and lead the charge for designing effective uses that prioritise safety, equitable access and student learning.

Mohamad Jebera, Founder, Mathspace

12:50pm Fireside Chat: Creating a Holistic and Personalised Learning Experience: Where Do the Opportunities for Progression Lie?

- Next steps in creating customised lifelong education experiences: generating and supporting quality resources
- Reimagining assessment
- The progression of hybrid learning: how can we create a seamless learning experience

Chris Robertson, Principal, Aurora College

Moderator: **Megan Kelly,** Executive Director, Curriculum and Reform, *Department of Education*

12:20 Panel: AI in Education

- The rapid adoption of Artificial intelligence (AI) and language models, such as ChatGPT, have the potential to revolutionise education
- What is the potential impact of AI in classrooms?
- What are the perceived benefits, challenges, and potential implications for students & educators?

Rob McTaggart, Innovation Lead — stem.T4L, Information Technology Directorate, Department of Education

Kate Thompson, Stage 6 Advisor, Curriculum Secondary Learners, Educational Standards, Department of Education

Moderator: **Michelle Michael,** *Director, Educational Support and Rural Initiatives,* Department of Education

12:30 Fireside Chat: Equity in Online and Multi-Modal Learning Provisions for Students and Teachers

- The learning and teacher mentoring experiences online have enabled unprecedented opportunities for equity.
- Some have found the transition challenging.
- What is an adequate level of digital access?
- How can technology address inequality?
- Teaching and learning practices are shaped and sharpened by the increased access of online learning tools and multi-modal learning spaces
- How does this impact the future of teaching and learning all students and our teachers from an equity perspective?

Claire Ryan, Visual Arts Subject Coordinator, Molong Central School

Bonnie Tratt, *DART Learning Manager, Educational Support and Rural Initiatives,* Department of Education

Jane Zappas, *Biology Subject Coordinator,* Ulladulla High School

Moderator: **Kathy Eisenhauer,** Rural and Remote Curriculum Provisions Coordinator, Rural and Distance Education, Department of Education

1:00pm Networking Lunch

m	Networking Lunch
m	Interactive Roundtables
	Roundtable 1: How can educators and Edtech developers collaborate to improve numeracy utilising the power of Al Mohamad Jebara, Founder & CEO, Mathspace
	Roundtable 2: Striking the balance: Embracing innovative technology without eroding the role of the teacher Joshua Ravek, Head of Schools, Stile Education
	Roundtable 3: Unlocking Teacher Time in NSW Primary Schools Rachel Quinn, Hero Consultant & Luke Norman, Senior Hero Consultant
	Roundtable 4: Empowering the Digital Generation: Lessons from CyberFit Nation and Awareness Programs Gabe Marzano, Cyber Security Evangelist, Palo Alto Networks
	Roundtable 5: Increasing Creativity in the Classroom Ricky Kradolfer, Co-Founder, Amplify Music Education
	Roundtable 6: Navigating Futures Together: Career Development in Schools Laura Peisley, Career Development Manager, & Danielle Westbury, Community Partner Manager, Career Tools
	Roundtable 7: Unlocking Creative Potential: Fostering Innovation and Imagination in the Era of AI Megan Townes, APAC Regional Lead, Canva for Education
	Roundtable 8: Meet Elsa (Education's Legal Services Assistant) - an Al powered digital assistant supporting principals. Launching term 4! David Fischl, Legal Digital Transformation Lead Partner, Hicksons
	Roundtable 9: Transforming teach professional development: an innovative online approach Helen Carmody, Head of Professional Learning, PETAA
	Roundtable 10: Engaging Students with Immersive Technology Rebecca Bendikov, Head of Education, Lumination
	Roundtable 11: How K-12 leaders can address challenges on wellbeing & resiliency across school communities with digital innovation and Al Sally Webster, Head of K-12 Schools Industry, AWS
	Roundtable 12: Improving operational and administrative practices in schools Lorelei Brealey, Executive Director, Reform Programs, Department of Education
	Roundtable 13: Implementing and embedding sustainability in schools Zoe Arthur, Manager, Sustainability & Chris Ferguson, Manager, Sustainability, Department of Education
	Roundtable 14: The role of technological innovations in teaching and learning Courtney Frost, Curriculum Support Advisor, Science and Technology, Primary Curriculum & Rod Cheal, Science and Technology Advisor, Curriculum Early Years and Primary Learning, Department of Education
	Roundtable 15 Cybersecurity and responsible digital citizenship – How to be a Cybermarvel-lous leader Mona Sidhu, Cyber Security Awareness and Education Manager & Ruanne Kelly, Cyber Security Compliance Officer, Department of Education
	Roundtable 16: Emerging technology and Al Jim Hayden, Project Lead, Al Teaching & Learning & Lauren Crockford, Teaching and Learning Advisor, Emerging Technology and Artificial Intelligence, Department of Education

4:10pm	Paul Wood, Executive Director, Educational Standards, Department of Education		
4:00pm			
	Mark Flanagan, Learning and Development Manager, Animal Logic		
	This session will cover the history of the company, and how the special blend of technology and artistry has led to a truly remarkable succes. The session will also explore what careers there are in this industry, and how students can get off to a successful start.		
3.40pm	Animal Logic, Software Developers to Storytellers		
3:20pm	Moderator: Darren Avery, Leader, Online Teaching and Learning, Educational Standards, Department of Education		
	Selena Loucas, Parent Experience, Department of Education		
	Louise Farrell, Director of Inclusive Education, Department of Education		
	Fireside Chat: Equitable Access in Education: A parent's point of view. Ensuring Accessible Learning Opportunities for Every Student		
3:10pm	Welcome Back From Event Chairperson Michelle Michael, Director, Educational Support and Rural Initiatives, Department of Education		





Platinum Gold **Silver**









Bronze & Lanyards

Bronze

















Exhibition

















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