



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

Department of Education



Zoe Arthur

Manager, Sustainability

Department of Education



Darren Avery

Leader, Online Teaching and Learning, Educational Standards

Department of Education



Rebecca Bendikov

Head of Education

Lumination



Rod Cheal

Science and Technology Advisor, Curriculum Early Years and Primary Learning

NSW Primary Principals' Association



Lauren Crockford

Teaching and Learning Advisor, Emerging Technology and Artificial Intelligence

Department of Education



Louise Farrell

Learning and Development Manager

Animal Logic



Kathy Eisenhauer

Rural and Remote Curriculum Provisions Coordinator, Rural and Distance Education

Department of Education



Kevin Elgood

Principal, SPC Technology Reference Group Leader

Homebush Boys High School



Maricris Espinosa

Manager, Application Development, Student Assessment and Online Reporting

Department of Education



Robyn Evans

President

NSW Primary Principals' Association



Louise Farrell

Director of Inclusive Education

Department of Education



DAVID FISCHL

Legal Digital Transformation Lead Partner

Hicksons



Mark Flanagan

Learning and Development Manager

Animal Logic



Courtney Frost

Curriculum Support Advisor, Science and Technology, Primary Curriculum

Department of Education



Blake Garrett

Founder & CEO

School Bytes



Mark Greentree

Executive Director, Digital Learning

Department of Education



Libby Hansell

Assistant Principal

Bathurst West Public School



Dan Hart

Head of AI, ITD Data Analytics

Department of Education



Jim Hayden

Project Lead, AI 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



Ruane Kelly

Cyber Security Compliance Officer

Department of Education



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



Rob McTaggart

Innovation Lead — stem,T4L, Information Technology Directorate

Department of Education



Michelle Michael

Director, Educational Support and Rural Initiatives

Department of Education



Leanne Nixon

Deputy Secretary, Learning Improvement

Department of Education



Kristie O'Neill

Director, Literacy and Numeracy

Department of Education



Laura Peisley

Career Development Manager

Career Tools



Craig Petersen

President

NSW Secondary Principals' Council



Tim Power

Co-Founder & CEO

Inquisitive



Rachel Quinn

Hero Consultant & Luke Norman

Senior Hero Consultant



Daniel Rattigan

Principal

Finigan School of Distance Education



Joshua Ravek

Head of Schools

Finigan School of Distance Education



Chris Robertson

Principal

Department of Education



Josh Roberts

A/Chief Information and Data Officer

Department of Education



Claire Ryan

Visual Arts Subject Coordinator

Molong Central School



Mona Sidhu

Cyber Security Awareness and Education Manager

Department of Education



Monica Strong

Executive Director, Digital Strategy, Data & Architecture

Department of Education



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

2023 Agenda

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	<p>Welcome from Stream Chair Mark Skein, <i>Rural and Distance Education Coordinator</i>, Educational Standards</p>	<p>Welcome from Stream Chair Michelle Michael, <i>Director, Educational Support and Rural Initiatives</i>, Department of Education</p>	<p>Welcome from Stream Chair Paul Wood, <i>Executive Director, Educational Standards</i>, Department of Education</p>
11:20am	<p>Government Keynote: Navigating the Digital Transformation Journey: Evolving to Meet a New Era of Digital Learning Requirements</p> <ul style="list-style-type: none"> Making the best of use of educational technologies: how can we better cater for successful approaches to learning? Navigating the realm of Digital Learning Tools: what do we need to do to enhance integration and support staff in the shift? <p>Alexandra Laurence, <i>Leader, CEO, Online Teaching and Learning</i>, Department of Education</p>	<p>Government Keynote: A Symphony of Possibilities: The Future of Learning and Creativity</p> <p>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.</p> <p>Jim Hayden, <i>Project Lead, AI Teaching & Learning</i>, Department of Education</p>	<p>Government Keynote: AI-Driven Future in Education: Simplifying, Enhancing, and Integrating AI Platforms and Architecture</p> <ul style="list-style-type: none"> Simplified AI Architecture for all: Demystifying generative AI, the steps towards whole of government architecture that promotes inclusivity and innovation Crafting AI-Enhanced Experiences: The journey of designing meaningful AI interaction A glimpse into the AI-Augmented future: Demonstrating the potential, how AI can revolutionize our access to information <p>Dan Hart, <i>Head of AI, ITD Data Analytics</i>, Department of Education</p> <p>Darryn van Tonder, <i>Director, Data Analytics, Digital Strategy and Delivery</i>, Department of Education</p>
11:40am	<p>Partner Session: How can we help lift teacher wellbeing?</p> <ul style="list-style-type: none"> More time and better quality lessons for teachers The underlying research and pedagogies The timetable for support over the next 3 years <p>Tim Power, <i>Co-Founder and CEO</i>, Inquisitive</p>	<p>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</p> <ul style="list-style-type: none"> Unpacking the NSW Department of Education Digital Strategy Improving IT capabilities to reduce technical debt & deliver seamless services How can we deliver improved connectivity and embed safe, secure, and simplified IT? Aligning education outcomes with digital enablers to simplify experiences for schools and their stakeholders <p>Sarah Zenon, <i>Digital Strategy Director</i>, Department of Education</p> <p>Moderator: Monica Strong, <i>Executive Director, Digital Strategy, Data & Architecture</i>, Department of Education</p>	<p>11:50am Panel: The Pivotal Role of Data: Making Best Use of AI and Machine Learning for Enhanced Learning and Improved Efficiencies</p> <ul style="list-style-type: none"> Applying data, ML and AI in teaching and learning -insights into learning behaviour, preferences and best approaches Utilising data for process innovation: applying human centric design principles to drive a student centric education system <p>Jacky Hodges, <i>Executive Director, Schools Policy and Evidence</i>, Department of Education</p> <p>Maricris Espinosa, <i>Manager, Application Development, Student Assessment and Online Reporting</i>, Department of Education</p> <p>Moderator: Paul Wood, <i>Executive Director, Educational Standards</i>, Department of Education</p>

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

1:10pm **Networking Lunch**

2:10pm **Interactive Roundtables**

Roundtable 1: How can educators and Edtech developers collaborate to improve numeracy utilising the power of AI

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 AI 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 AI

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-ious leader

Mona Sidhu, *Cyber Security Awareness and Education Manager & Ruanne Kelly*, *Cyber Security Compliance Officer*, Department of Education

Roundtable 16: Emerging technology and AI

Jim Hayden, *Project Lead, AI Teaching & Learning & Lauren Crockford*, *Teaching and Learning Advisor, Emerging Technology and Artificial Intelligence*, Department of Education

3:10pm **Welcome Back From Event Chairperson**
Michelle Michael, *Director, Educational Support and Rural Initiatives*, Department of Education

3:20pm **Fireside Chat: Equitable Access in Education: A parent's point of view. Ensuring Accessible Learning Opportunities for Every Student**
Louise Farrell, *Director of Inclusive Education*, Department of Education
Selena Loucas, *Parent Experience*, Department of Education
Moderator: **Darren Avery**, *Leader, Online Teaching and Learning, Educational Standards*, Department of Education

3.40pm **Animal Logic, Software Developers to Storytellers**
This session will cover the history of the company, and how the special blend of technology and artistry has led to a truly remarkable success. The session will also explore what careers there are in this industry, and how students can get off to a successful start.
Mark Flanagan, *Learning and Development Manager*, Animal Logic

4:00pm **Closing Remarks from Chair**
Paul Wood, *Executive Director, Educational Standards*, *Department of Education*

4:10pm **Networking Drinks**

2023 Partners



Platinum



Gold



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Exhibition





CONNECTING GOVERNMENT
WWW.PUBLICSECTORNETWORK.COM.AU

AUSTRALIA / NEW ZEALAND

P +61 2 9057 9070

E info@publicsectornetwork.com

USA / CANADA

P +1 (647) 969 4509

E contact@publicsectornetwork.com