

2023 A Matter of Translation Keynote and Workshop Abstracts

Time	Session Details		
8:30 - 8:40am	<p>Conference welcome in The Centenary Library Lecture Theatre (CLLT)</p>		
8:40 - 9:40am	<p>Introductory keynote: We need to teach behaviour in Australian schools.</p> <p>Speaker: Dr Tim McDonald (YMCA WA)</p> <p>Conference Stream: Classroom Management</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: Australia has some of the most disruptive classrooms in the world. Safe, ordered and positive learning environments are a foundation for learning. We need to teach behaviour as a curriculum like any other subject. This keynote will look at the current national focus on behaviour, the 'why' of behaviour based on psychology and neuroscience and then explore the practices that work in our classrooms.</p>		
9:45 - 10:15am	<p>Workshop 1: Introduction to A Learner's Toolkit</p> <p>Speakers: Steve Taylor and Ashton Murphy (Churchie)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: A Learner's Toolkit, developed by Churchie, trains students with behaviours, habits, and strategies to be lifelong learners, working with teachers to translate science of learning theory into curriculum.</p>	<p>Workshop 2: Crafting a high-performance classroom culture to optimise students' academic achievement</p> <p>Speaker: Peter Sherwin (Geelong Grammar School)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: This session will review evidence around high-performance environments (including classrooms) and make suggestions as to how these may be adapted to the everyday classroom to target and boost student performance and learning, and hence motivation.</p>	<p>Workshop 3: Bringing the Science of Learning to Technologies with Expeditionary Learning</p> <p>Speaker: Matt Jensen (St Mary's College)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: Expeditionary learning, involving deep learning and the creation of authentic products for a real audience, can enhance the learning process and promote deep learning and development in technologies.</p>
	<p>Workshop 4: Big Vision, Small Steps: Embedding the Science of Learning Within A School</p> <p>Speakers: Luke Rawle and Dr Alison Young (Toowoomba Grammar School)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: How we, at Toowoomba Grammar School, have embedded the science of learning and science of reading across the school.</p>	<p>Workshop 5: Teaching of behaviour: let's get practical</p> <p>Speaker: Dr Tim McDonald (YMCA WA)</p> <p>Conference Stream: Classroom Management</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: A practical look at how to work with staff on classroom management.</p>	<p>Workshop 6: AI has the co-pilot for Research</p> <p>Speaker: Fiona Philip (Churchie)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: How artificial intelligence (AI) is changing the research process and which tools and techniques can assist students to research with academic integrity.</p>



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10:15 - 10:40am	Morning Tea in the Centenary Library Ground Floor Arcade		
10:45 - 11:15am	<p>Workshop 1: Smart Study – Using Science of Learning to lift student wellbeing</p> <p>Speakers: Rebecca Birch and Emma Macey (Queenwood)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: This workshop will focus on the Queenwood Smart Study project in collaboration with The Evidence Institute at AINSW and the School of Education at UNSW.</p>	<p>Workshop 2: What do you mean by Student Engagement? Clarifying Feedback in Instructional Coaching</p> <p>Speaker: Silvia Savelsberg and colleagues (Ministry of Schools and Education of North Rhine-Westphalia (MSB) Germany)</p> <p>Conference Stream: Instructional Coaching</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: How we, as instructional coaches, can learn from authors Heen / Stone about the usage of key terms (called labels) in feedback conversations.</p>	<p>Workshop 3: Learning how to Learn: The Power of Action Research to Promote Student Self-Regulated Learning</p> <p>Speaker: Estee Stephenson (St Andrew’s Cathedral School)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract Examine the outcomes of a two-year action research project, where students developed their self-regulated learning and learning how to learn skills.</p>
	<p>Workshop 4: Empowering Minds, Empowering Leadership: The Neuroleadership Edge</p> <p>Speakers: Corrina Bailey and Jo Thompson_(Mount St Benedict College)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: Neuroleadership recognises the neurobiological underpinnings of human behaviour and leverages this knowledge to create leadership practices that nurture psychological safety.</p>	<p>Workshop 5: Instructional Coaching in Action</p> <p>Speaker: Sally Birks and Steven Taylor (Churchie)</p> <p>Conference Stream: Instructional Coaching</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: This workshop presents interactive professional development through Instructional coaching, designed to provide participants with practical insights, strategies, and an opportunity to try coaching for yourself.</p>	<p>Workshop 6: What every teacher needs to know about Interleaving</p> <p>Speaker: Dr Terry Byers (Churchie)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: Extending the practice of interleaving beyond languages, maths and sciences.</p>
11:20am - 11:50am	<p>Workshop 1: Leading the Implementation of the Science of Learning</p> <p>Speakers: Patrick Sanders (Brighton Grammar School)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: This session would focus on effectively leading implementation of Science of Learning and associated instructional strategies. Sharing some of our schools story including challenges, lessons and successes.</p>	<p>Workshop 2: Designing the ‘Desirable Difficulty’ Classroom</p> <p>Speaker: Peter Sherwin (Geelong Grammar School)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract: Drawing from and extending on Bjork’s ‘Desirable Difficulties’, this talk looks at the establishment of a classroom environment that embraces the uncomfortable, but successful, learning habits.</p>	<p>Workshop 3: The use of Visual Aides to Synthesis and Extend Understanding</p> <p>Speaker: Brian Bodell and Fiona Philip (Churchie)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Secondary</p> <p>Abstract In this session we show how a scaffolded reading strategy combined with visual aids can help students synthesise and extend their understanding from texts.</p>

11:20am - 11:50am	<p>Workshop 4: Cognitive Load Theory for Gifted Education</p> <p>Speakers: Dr Kate Barton (St Philip’s Christian College)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: I discuss how gifted teaching practices can align with CLT in light of the novice-expert continuum and expertise reversal effect. A Load Reduction Instruction (LRI) framework can explain why and when to use different approaches to promote both learning and engagement.</p>	<p>Workshop 5: Instructional Coaching in Action (Repeat)</p> <p>Speaker: Steven Taylor (Churchie)</p> <p>Conference Stream: Instructional Coaching</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: This workshop presents interactive professional development through Instructional coaching, designed to provide participants with practical insights, strategies, and an opportunity to try coaching for yourself.</p>	<p>Workshop 6: Instruction Coaching – Feedback and Rehearsal</p> <p>Speaker: April Fraser and Sally Birks (Churchie)</p> <p>Conference Stream: Instructional Coaching</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: This workshop titled is designed to equip educators and instructional leaders with the tools and insights necessary to ensure the adoption and integration of new strategies through purposeful feedback and rehearsal sessions.</p>
12.00 pm – 1.00 pm	<p>Concluding keynote: Cognitive Load Theory and Explicit Teaching</p> <p>Speaker: Dr Greg Ashman (Ballart Clarendon College)</p> <p>Conference Stream: Science of Learning</p> <p>School Stage Focus: Primary and Secondary</p> <p>Abstract: Over the last fifty years, we have developed models of the mind that have been thoroughly tested in both laboratory and more natural environments. One such model is that used by cognitive load theory. Two key features of this model are a constrained working memory and an effectively limitless long-term memory. This model has implications for teaching and predicts the relative effectiveness of direct instruction (explicit teaching) for novices learning academic concepts. These predictions align with a much wider body of research evidence on teacher effectiveness, including data from international PISA studies. Taken together, we can draw practical and workable implications for everyday teaching.</p>		
1.00 pm – 2.00 pm	<p>Lunch in the Centenary Library Ground Floor Arcade</p>		