

Professional Learning Conversations – What do you need and want to learn?

Our members have told us they would also like access to some “general” sessions that relate to improving their craft as an educator. The following sessions are available:

- Behaviour Leadership – leading your learners to manage their own behaviour
- Developing regulation and co-regulation
- Developing Thinking Routines
- Setting up a learning space for success – what needs to be in place
- Creating inquirers
- Using discussion powerfully within a learning space
- Creating powerful learners

Developing your craft as a mathematics educator

<p>Learning Design</p> <ul style="list-style-type: none"> ➤ Developing a year overview ➤ Creating a playful approach to Maths in JP ➤ Games and Puzzles in Mathematics ➤ Exploring Questions and Investigations in a Mathematics programme ➤ Resolving Situations/Problem Solving in Mathematics ➤ General Capabilities in Action in Mathematics ➤ Making Sense and Planning for learning in each Strand 	<p>Exploring Mathematical Thinking / Proficiencies</p> <ul style="list-style-type: none"> ➤ Getting Started with the Proficiency Strands ➤ What does it mean to think mathematically? ➤ Visualising in Mathematics ➤ Teaching for Generalising ➤ Teaching and Assessing the Proficiency Strands 	<p>Building Number Sense</p> <ul style="list-style-type: none"> ➤ Exploring the Rules for the Base Ten system ➤ Exploring the Processes of Calculating ➤ My learners still don't know their times tables – why? ➤ Making Sense of Fractions and Decimals ➤ Structuring your learning programme to develop number sense ➤ Financial Mathematics – Making it real ➤ Developing an understanding of place value ➤ Exploring the “Big Ideas in Number” – trusting the count, place value, multiplicative thinking, partitioning ➤
<p>STEM</p> <ul style="list-style-type: none"> ➤ Integrating Mathematics and Science ➤ Putting the Critical and Creative Thinking Capability into STEM ➤ STEM and JP ➤ STEM in the Early Years ➤ STEM in Yrs 3-5 ➤ STEM in Yr 6/7 	<p>Changing Dispositions</p> <ul style="list-style-type: none"> ➤ Literature and Mathematics ➤ Changing Students Views of Mathematics ➤ Knowing the History of Mathematics Matters ➤ Does mindset really matter in mathematics? 	<p>Assessment Design</p> <ul style="list-style-type: none"> ➤ Designing an assessment plan ➤ Using formative assessment to inform learning ➤ Reporting in Mathematics

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<p>Knowing the Mathematics Matters</p> <ul style="list-style-type: none"> ➤ Series of five sessions that focus on each aspect of mathematics (Algebra, Geometry, Number, Measurement, Data) ➤ Putting Learners in a Spin with Angle ➤ Reflecting your way through shape ➤ The significance of sorting and classifying in mathematics ➤ Thinking spatially ➤ Exploring divisibility ➤ What are the Chances? 	<p>Preschool Mathematics and Numeracy</p> <ul style="list-style-type: none"> ➤ Getting Started with Mathematics and Numeracy ➤ Knowing the Maths Matters in Preschool ➤ Speed dating the Indicators ➤ Tracking and monitoring mathematical progress ➤ What does “exploring data” look like in a preschool setting? ➤ Exploring place and space in the preschool setting ➤ Developing Mathematical Play provocations ➤ Exploring Size in Preschool ➤ Exploring quantifying in preschool ➤ Using the environment as your mathematical 3rd teacher ➤ Mathematising our playspaces through the lens of the Indicators of Numeracy 	<p>SSO / ESO / ECW</p> <ul style="list-style-type: none"> ➤ Supporting co-educators to support the development of mathematics and numeracy learning ➤ Building Number Sense – powerful intervention matters
<p>LEADERS</p> <ul style="list-style-type: none"> ➤ Leading improvement and innovation in mathematics ➤ Towards a whole site approach to mathematics and numeracy ➤ Leading an improvement spike in mathematics ➤ Developing effective intervention strategies in mathematics ➤ Beyond the Guide Books (Dept) – how do we use them powerfully? 		
<p style="text-align: center;">Is the challenge you are trying to resolve not here? Got a different focus for professional learning you would like to explore? If it is not the list – just ask!</p>		