

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

<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? ➤ Developing the numeracy learner skillset ➤ Thinking and working as a mathematician 	<p>Exploring Mathematical Thinking / Proficiencies</p> <ul style="list-style-type: none"> ➤ Getting Started with the Proficiency Strands ➤ Getting Started with the Learning Processes in Preschool ➤ What does it mean to think mathematically? ➤ Visualising in Mathematics ➤ Visualising in Preschool 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 ➤ What is number sense? ➤ 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 ➤ Making Creative Thinking Come Alive in STEM ➤ Making Critical Thinking Come Alive in STEM ➤ STEM and JP ➤ STEM in the Early Years ➤ STEM in Yrs 3-5 ➤ STEM in Yr 6/7 	<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 in a Mathematics programme – where investigations, problem solving and curiosity meet! ➤ Resolving Situations in Mathematics ➤ Mathematics Through Inquiry ➤ General Capabilities in Action in Mathematics ➤ Creating Powerful Learners in Mathematics ➤ Making Sense and Planning for learning in each Strand 	<p>Assessment Design</p> <ul style="list-style-type: none"> ➤ Designing an assessment plan ➤ Using formative assessment to inform learning ➤ Using Feedback in mathematics ➤ 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 ➤ 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 ➤ Embedding the language and processes of quantifying in your learning environment ➤ 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 for 2021 – 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>		