

“Lift The Mathematical Learning.”

Event Overview:

“Lift The Mathematical Learning” is designed to provide a practical approach for focusing on enhancing the capacity of teachers to extend and engage highly capable students.

The 3 Professional Learning Modules will support participants to:

1. Identify students who are highly capable in Mathematics (e.g. achieving Stanines 8 or 9 in PAT and/or consistently placed in ‘blue’ on CFAT Proficiency Scales).
2. Increase teacher instructional knowledge/ whole school knowledge around the researched strategies that will guarantee every student including those identified as highly capable will receive the time and support needed to achieve at least a year’s growth for a year’s input. (PLC Q. 5)
3. Consistently apply the principles of Visible Learning, including Learning Intentions, Success Criteria and Feedback etc. to the learning and teaching of Mathematics.
4. Understand the learning profiles of highly capable students and provide a learning environment for them in which they are academically challenged and encouraged to take risks with their thinking.

Who can participate?

These modules are designed for **whole school teams** who are focusing on growth for ALL in the learning and teaching of Mathematics.

How the program will be structured:

The professional learning will be facilitated by CEB staff structured around 3 Professional Learning Modules spaced throughout the year.

Modules will be 90 minute sessions after school via video conference or facilitated at the school. Schools could opt for a closure day completing several modules in a day. Several schools may combine as a network for these sessions.

Between session tasks: professional reading, recording of a classroom session or PLT based on the learning from the module, use of data to inform teaching etc.

The content will include:

- Effective research-based strategies that will guarantee every student will receive the time and support needed to learn to high levels
- Providing teachers with structures/strategies and reflective processes to determine their impact on student learning
- Dialogue around learning goals/ proficiency scales
- Planning for engaging and challenging instruction and differentiation
- The Learning Pit - fostering determination and grit in the face of learning challenges
- How to determine the level at which students are working

What is expected of participants?

- Attend all of the professional learning modules
- Engage in self - reflective practices including coaching conversations, professional reading, classroom demonstration or observation and ongoing feedback
- Complete and maintain in between module tasks and be prepared to share practice (video of a strategy or success or a challenge)