



MLATS CORE COURSE

- a) **10 workshops, totalling 60 hours, spread over four school terms**
Suitable for Reception-Year 9 teachers.
- b) **Participant numbers permitting, there will be a core course specifically**
designed for teachers in Middle schools (years 6-9)

The MLATS Core course has been designed to give a broad overview to the learning and teaching of mathematics in Reception to Year 9 classrooms. Teachers who have the opportunity to commit ten days of professional development in mathematics in one school year will benefit most from the structure of this course.

This course aims to support participants to:

- Increase their own conceptual and procedural knowledge of mathematics
- Increase their understandings about the ways students construct mathematical knowledge
- Develop their understandings about numeracy and its relationship to school mathematics
- Develop a repertoire of classroom strategies for assessing students' mathematical knowledge and development
- Plan for all students to develop understanding of mathematical concepts
- Develop strategies for identifying students who may be at risk of not making satisfactory progress in their mathematical knowledge
- Develop a range of intervention strategies to support those students seen to be at risk

The workshop process involves participants in:

- Small group discussions
- Mathematics activities
- Time for reflection
- Collaborative planning of units of work
- Sharing classroom practice with other participants

In between workshops participants are expected to

- Read a range of relevant articles
- Trial activities in their classrooms
- Formally document their plans

