



Year 5-8 Teacher 4-Workshop Saturday Series

Three teachers, Sam Capurso, Michael Murphy and David Shigrov, together, deliver a course of targeted teaching strategies for the year 5-8 levels. Important mathematical concepts for students in the Middle Years will be considered, with practical tips on how to bring these to your class being provided.

The sessions will take place on Saturdays 9am-12 noon, at Seymour Junior School, 546 Portrush Road, Glen Osmond, SA 5064.

Session 1 Saturday 9th February – (Term 1, week 2)

Sam: Maths – The Only Subject That “Counts”

This workshop will help you consolidate your knowledge of the Number strand, as well as strategies you can use to deepen students' understanding of this topic

Michael: Old vs new - a false dichotomy.

In this session, participants will look at how number can be introduced accessibly to all students, and how old and new technologies can both encourage student voice. Bring along some new technology, and be prepared to air some laundry.

David: Using Tarzia for introducing, during and following a topic. ThatQuiz - online practice and formative monitoring of progress. Post-It notes and their place in hands on experiences to assist with learning and brainstorming

Session 2 Saturday 16th March – (Term 1, week 7)

Sam: The Language of Mathematics

This workshop will strengthen your proficiency with identifying patterns, formulating rules and using notation useful when considering the Algebra strand. In this way, you can support students' problem-solving and communication skills.

Michael: diagnostic questions

This session is all about misconceptions, how to predict them, spot them, and plan for them. You'll be able to take home a bank of interesting questions, and a new technique for your faculty.

David: The 'Four Processes' - their place and how they underpin the core of Mathematics and Problem solving. A workshop of facilitated discussion to share strategies in each of these areas. Come prepared to share what works, what doesn't work and troubleshoot some common problem areas.

Session 3 Saturday 4th May – (Term 2, week 1)

Sam: Relationships! This workshop will explore how to capture students' interest in the Statistics strand. A focus on linear relationships will be used to assist with considering the representation and interpretation of data.

Michael: Order! Order! In this session we look at sequencing of learning. Come prepared with an open mind, open ears, and a willingness to shuffle your deck.

David: Using Python and Scratch coding for Measurement, Angles and Coordinate Geometry. No previous experience necessary.

Session 4 Saturday 1st June – (Term 2, week 5)

Sam: Acute Mathematics. This workshop will analyse how to develop students' transferability of skills in the Measurement and Geometry strand. It will consider how, through directed investigation, students can make mathematical generalisations about the spatial world.

Michael: why you need a play table. This session is all about play! Come prepared to play, and wonder why you may have stopped...

David: Workshop 4 - 'Algorithmic Think Tank'.

Venue: Seymour College Junior School, 546 Portrush Road, Glen Osmond

Time: 9am-12 noon

Name: _____

Institution: _____

Phone Number: _____ Fax _____

Email: _____

Cost: \$ 180 Members, \$210 Non-Members (equivalent to 4 workshops for the price of 3)

Please enclose a cheque made payable to MASA **OR**

Request an **invoice** be sent directly to your school finance officer at their e-mail address:

Or complete credit card details below

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Expiry Date _____ CCV _____ Signature _____