

# Developing Geometric Reasoning in Students in Years 3 - 8



Students require geometric thinking in order to solve problems in everyday life (and in **approximately one third of the NAPLAN Numeracy test!**). Adjunct Professor Marj Horne will workshop geometry activities that support student learning of geometric reasoning, focusing on students in Years 3 - 8. She will also present evidence and research findings.

Adjunct Professor Marj Horne

We are very lucky to have Marj Horne presenting to us! A seasoned Mathematics teacher of all year levels (Early Childhood to University), she worked at the Australian Catholic University for 21 years. Marj is currently working on the **Reframing Mathematical Futures II** project at RMIT. This project looks at the **mathematical reasoning required for Algebraic, Geometrical and Statistical** thinking in Years 7-10, building on the Scaffolding Numeracy in the Middle Years project, which focussed on **multiplicative thinking**. Marj is particularly interested in the teaching and learning of algebra and geometry and is currently working on **evidence-based learning frameworks for algebraic and geometric reasoning** and corresponding teacher advice and activities for targeted teaching of algebra, geometry and measurement.

**Where:** Professional Learning Institute (Glenorchy)

**When:** Saturday 18th November, 9:45am - 3pm

**Cost:** \$60 (individual MAT member), \$70 (institutional MAT member) or \$85 (non member). Morning tea will be served on arrival and lunch is provided.

**Event Organiser:** Emily Peterson, MAT ([emily.peterson@education.tas.gov.au](mailto:emily.peterson@education.tas.gov.au))

**Registrations close at 4pm on Friday 10th November.**

To register, please go to [www.eventbrite.com.au/e/developing-geometric-reasoning-in-students-in-years-3-8-with-marj-horne-tickets-37527128652](http://www.eventbrite.com.au/e/developing-geometric-reasoning-in-students-in-years-3-8-with-marj-horne-tickets-37527128652). For more information, see the Mathematical Association of Tasmania's website ([mat.aamt.edu.au](http://mat.aamt.edu.au)) or email the event organiser.

**This event is run by the Mathematical Association of Tasmania (MAT).**