



## Diane Howarth R-6 Maths Series

**One three-hour and 2 two-hour sessions will take place in school break and Saturdays at MASA office, Building D, 80 Payneham Road, Stepney.**

**Workshop 1 Friday 29<sup>th</sup> April – (Term break, week 2) 9.30am-12.30pm**

**Life's a Problem. Can you solve it?**

**Problem-Solving** - This workshop is a hands-on interactive workshop that looks at why it is important to teach problem solving skills to improve mathematics capabilities, understanding and engagement. It will look at different strategies as well as how to guide students to determine the most suitable strategies to employ.

**Workshop 2 Saturday 21<sup>st</sup> May – (Term 2, week 3) 10.30am -12.30pm**

**Without Geometry, Life has no point**

**Geometry and Measurement** - This workshop will look at connections between geometry and the real world. It will include spatial awareness, different forms of geometry (Euclidian, Transformational, Hyperbolic). It will include a look at the history of geometry and measurement. This will help to discover an awareness of how to estimate measurements leading to an understanding of the need for exactness and precision with measurement.

**Workshop 3 Saturday 18<sup>th</sup> June – (Term 2, week 7) 10.30am-12.30pm**

**In the world at the moment there is a fraction too much friction**

**Fractions** - This workshop will look at understanding fractions and how and where to use them. It will look at CRA (Concrete, Representational, Abstract) pedagogical approach to teaching fractions. It will also explore the connections between procedural use when performing operations with fractions leading to the relationship between numerical and algebraic fractions.

Session one \$75 MASA members \$90 non-members

Session two and three each \$50 MASA Members and \$65 for non-members

Members price for all three sessions is \$160

**Please register overleaf for the workshop/s of your choice.**

