
Fixing Misconceptions in Fractions

One-day only training course with Tierney Kennedy

September 4th at *Grange Primary School*



Fractions are one of the most difficult concepts for students to understand in mathematics. By fixing misconceptions, we can catch kids up quickly and effectively.

How do we know? We already checked:

Using 1-2 lessons per week over 6-8 months we obtained the following growth in PAT Maths data for hundreds of students (effect size for all of mathematics, not just the fractions part of the testing).

**PAT Maths effect size in all grade 7 classes
within a partnership, over 8 months: 0.61**

t Stat = 7.3 Significant at over 99.99%

Who is this course for?

- Teachers from grades 4-9
- School leaders and leading learners
- Support teachers for students with difficulties

What concepts will this course cover?

- Fractions concepts from basic understanding of halves and quarters through to multiplying and dividing fractions with unrelated denominators
- Fractions as numbers rather than just pizzas
- The relationship between fractions, decimal numbers and percentages



Teachers will

- Watch a live lesson demonstration, including diagnosing and confronting underlying misconceptions in a grade 6/7 class
- Learn to prioritise key components of Proportional Reasoning and Multiplicative thinking that must be understood deeply during primary school for students to be successful in high school
- Learn how to use questioning to create cognitive conflict and fix misconceptions for good
- Receive a manual valued at \$50 to take back and use with their own class.

Numbers are strictly limited to 30 – because that is what fits in a classroom

Fixing Misconceptions in Fractions

One-day training course

- Price:** \$150/attendee, includes catering and a copy of Fixing Misconceptions in Fractions (RRP \$49.95)
- ☐ *Optional:* complete set of Interventions Series (4 additional books + Fractions) for \$150
 - ☐ *Optional:* web access to resources for \$150/attendee

Venue: Grange Primary School - 39C Jetty St, Grange SA

Date: 4th September, 2017

Time: 8:30 registration for an 8:45 start. 8:30-3:00

RSVP: Registration is not guaranteed. Numbers strictly limited to 30 per workshop. Closing date for registrations is one week before the seminar unless they are filled prior. Email confirmation of your booking will be sent within 48 hours.

Please return this form via **Fax 07 4422 0004**, or email: admin@kennedypress.com.au

School name: _____ No. of teachers attending _____

Teachers name(s): _____

Email contact(s) for certificates: _____

Special dietary requirements: _____

- ☐ We want to include a complete book set for \$150 + postage (Addition and Subtraction; Place Value; Multiplication and Division; Decimals and Percent)
- ☐ We want to include web access for \$150/person

Cancellation Policy:

Due to very high demand for Kennedy Press professional development, please note that a **50% cancellation fee** applies to this booking and no refund will be offered for cancellations less than 48 hours before the booked session. Name changes are permitted at no cost.

Signature: _____

Total cost: _____

Kennedy Press Pty Ltd
PO Box 1879, Townsville, QLD 4810
PH: 07 30401177, Fax: 07 4422 0004
For more information, email: admin@kennedypress.com.au