
Fixing Misconceptions in Fractions

One-day training course with Leah O'Neill

Tuesday, 21 August 2018 at
Harvest Home 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%

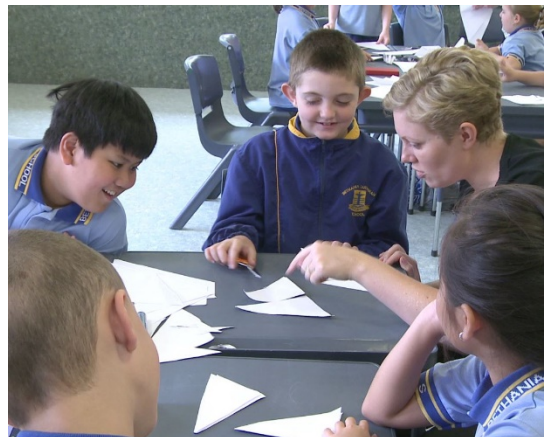
[View Tierney's latest peer-reviewed data here](#)

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 45 places

Fixing Misconceptions in Fractions

One-day training course with Leah O'Neill



Tuesday, 21 August 2018 at
Harvest Home Primary School

- Ticket Cost:** \$150 per attendee
- Venue:** Harvest Home Primary School, 365 Harvest Home Rd, Epping VIC 3076
- Address:** 8:00 am for 8:30 am start, finishing approx. 3:30 pm
- Timings:** Catering PLUS a copy of Fixing Fractions (RRP: \$49.95) **Register online** at
- Inclusions:** www.backtofrontmaths.com.au/events OR **Email** form to
- RSVP:** admin@kennedypress.com.au , or Fax 07 4422 0004

Registration is not guaranteed. **Numbers strictly limited to 45 places.** Bookings will be confirmed within 48 hours.
Closing date for registrations is one week before seminar unless filled prior

ATTENDEE DETAILS (attach separate list of names if more than 3 Attendees)

FULL NAME	EMAIL	POSITION HELD	DIETARY REQUIREMENTS
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

INVOICE DETAILS

School Name: _____

Street Address: _____

City: _____ State: _____ Postcode: _____

Finance Officer Name (required): _____ Email _____

If your school uses Purchase Orders, please include the number for inclusion on your invoice: _____

Please invoice the above school for:

_____ Attendees @ \$150 (incl. GST)

Total Order Cost = \$ _____

I am authorised to request an invoice for this training and note that payment is required to be made prior to the seminar start date.

I understand that a 50% cancellation fee applies to this booking, and that no refund will be issued for cancelling within 48 hours of the seminar.

I am aware I may substitute an attendee at nil cost but must advise Kennedy Press via email of their details prior to the seminar start date.

Your Name: _____

Signature: _____

**** Signature not required if emailing ****