

# Fixing Misconceptions in Place Value

One-day training course with Tierney Kennedy



20 June 2018

hosted by

BERTRAM PRIMARY SCHOOL

Place Value is one of the most important concepts for students to understand in mathematics. By fixing Place Value, we can catch kids up quickly and effectively.

## How do we know? We already checked:

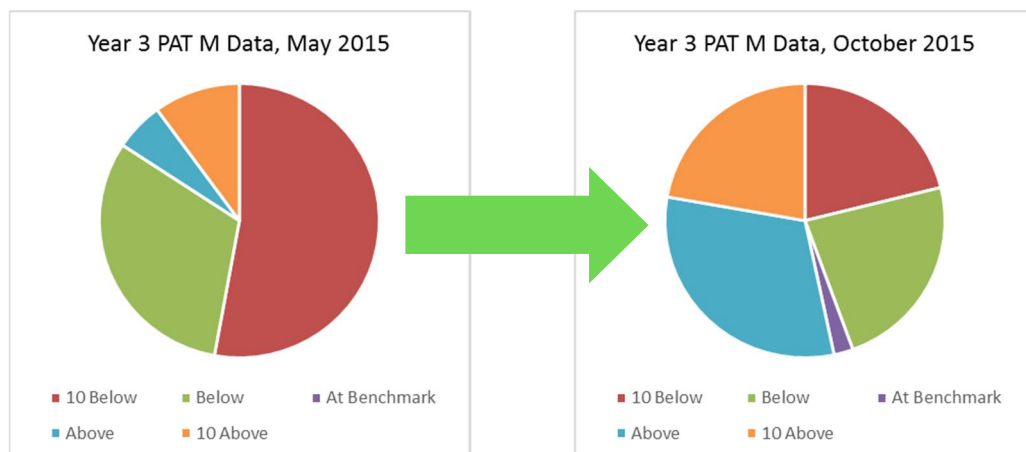
Using 2-3 lessons per week over 6-8 months we obtained the following growth in PAT Maths data for hundreds of students.

PAT Maths effect size in grade 2 classes over 9 months: 0.76

t Stat = 8.7      Z Stat = 5.0      Significant at over 99.99%

PAT Maths effect size in grade 3/4 classes over 6 months: 0.67

t Stat = 6.7      Z Stat = 4.6      Significant at over 99.99%



## What this means:

In May, only 16% of students were at or above benchmark in Grade 3. By October, this had increased to 56%. In May, only 10% of students were 10 above the benchmark. By October, this had increased to 22%.

## Teachers will

- Watch a live lesson demonstration, including diagnosing and confronting underlying misconceptions
- Learn to prioritise three key components of Place Value 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, and receive a manual valued at \$40 to take back and use at their schools.

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*Numbers for this seminar are strictly limited to 40 places*

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**20 June 2018** Hosted by

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**Ticket Cost:** \$150 per attendee (plus Additional Options if requested)

**Venue Address:** Champion Drive, Bertram WA 6167

**Timings:** 8:00 am for 8:30 am start, finishing approx. 3:30 pm

**Inclusions:** Catering PLUS a copy of Fixing Misconceptions in Place Value (RRP: \$49.95)

**RSVP:** Register online at [www.backtofrontmaths.com.au/events](http://www.backtofrontmaths.com.au/events) OR

Email form to [admin@kennedypress.com.au](mailto:admin@kennedypress.com.au) , or Fax 07 4422 0004

Registration is not guaranteed. **Numbers strictly limited to 40 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)

Name	Email	Dietary Requirements	OPT 2
_____	_____	_____	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>

## INVOICE DETAILS

School Name & Address: \_\_\_\_\_

Finance Officer Name (required for invoice): \_\_\_\_\_ Email: \_\_\_\_\_

**Additional Option 1:** Complete the Interventions Series – get the additional 4 books (RRP: \$200)

Fixing Misconceptions in: Addition & Subtraction, Fractions, Multiplication & Division, Decimals & Percent

**ADD \$150 per set + postage\* to ticket price \*Postage is the higher of \$12 or 5% of total Book Set price only**

**Additional Option 2:** 12-month Website Subscription to Back-to-Front Maths AND / OR

Access to the 2018 Webinar Series – Supporting Mathematics Teaching (RRP: \$250)

**ADD \$150 per subscription to ticket price~ ~TICK attendee name/s above and indicate preference below**



\_\_\_\_\_ x Ticket/s @ \$150 = \$ \_\_\_\_\_

\_\_\_\_\_ x Option 1 @ \$150 = \$ \_\_\_\_\_

Postage (calculate greater of \$12 or 5% of OPTION 1 total) = \$ \_\_\_\_\_

\_\_\_\_\_ x Option 2: Website Access @ \$150 = \$ \_\_\_\_\_

Attendee 1  Attendee 2  Attendee 3

\_\_\_\_\_ x Option 2: Webinar Access @ \$150 = \$ \_\_\_\_\_

Attendee 1  Attendee 2  Attendee 3

**Total Booking 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.

**Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_