

# Fixing Misconceptions in Place Value

One-day only training course with Leah O'Neill



September 11th at *Birkdale South State 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:**

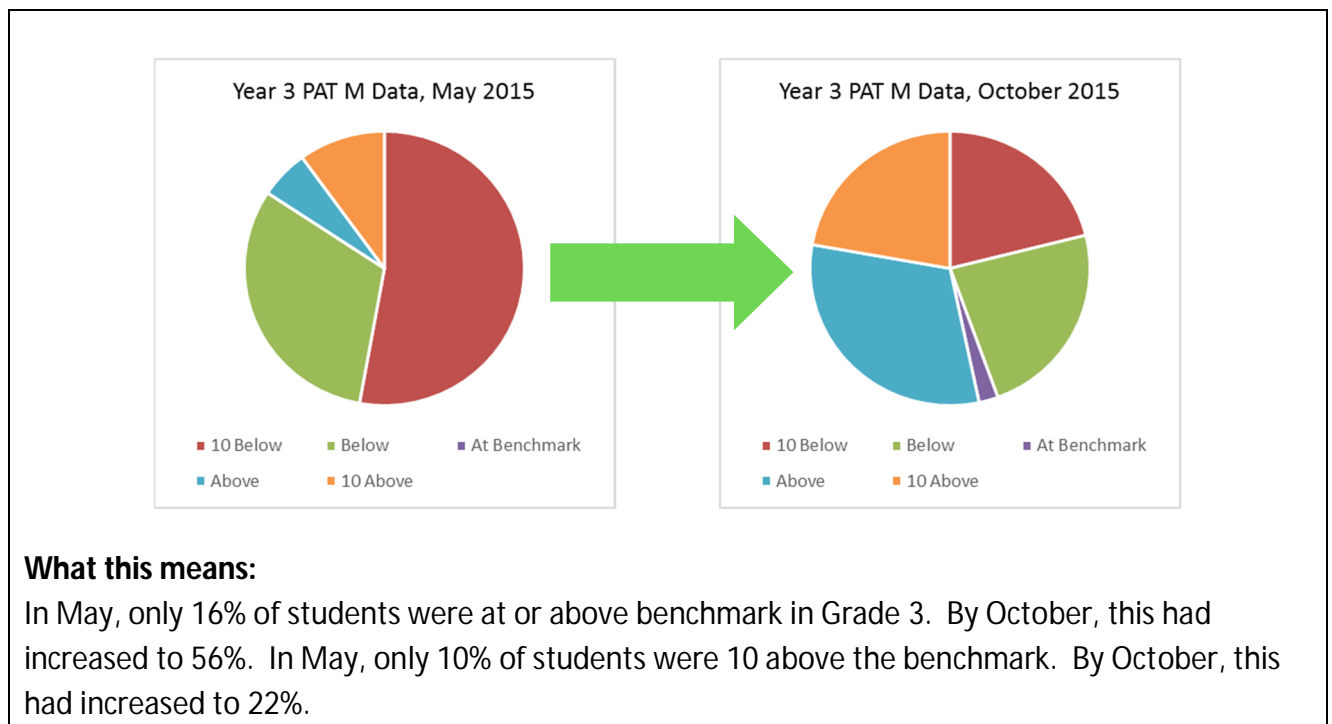
Using 2-3 lessons per week over 6-8 months we obtained the following growth in PAT Maths data for hundreds of students.

**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%



## 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 \$50 to take back and use at their schools.

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



## **Fixing Misconceptions in Place Value**

- Price:** \$150 per attendee, includes catering and a copy of:  
 Fixing Misconceptions in Place Value to 1000 (RRP \$49.95)
- **Optional:** Complete the set for \$150 plus postage  
 Purchase the remaining 4 books in the Interventions Series  
 (Fractions, Addition & Subtraction, Multiplication & Division, Decimal & Percent)
  - **Optional:** Web access for \$150 per person.  
 12 months web access to resources (RRP \$249.95)

**Venue:** **Birkdale South State School** (451 Old Cleveland Road East, Birkdale QLD 4159)  
**Date:** 11<sup>th</sup> 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.

To register: click on <https://www.backtofrontmaths.com.au/events>  
 Alternatively, fax to: 07 4422 0004, or email: [admin@kennedypress.com.au](mailto:admin@kennedypress.com.au)

School / Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Finance OR Email Address for Invoice: \_\_\_\_\_

Attendee's Details (*Attach a separate sheet if booking more than three)		Dietary Requirements	Web Access
Name	Email Address (*Required)		
			Y / N
			Y / N
			Y / N

**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.

**Number of Teachers Attending:** \_\_\_\_\_ **Attendees x \$150** = \_\_\_\_\_

**We want to "Complete the Set":** \_\_\_\_\_ **Sets x \$150** = \_\_\_\_\_

**Postage** (calculate the higher of \$12 or 5% based on the Total Book Set price only) = \_\_\_\_\_

**We want "Web Access for the staff indicated** \_\_\_\_\_ **Subscriptions x \$150** = \_\_\_\_\_

Signature: \_\_\_\_\_ **Total cost:** = \_\_\_\_\_