



Key Number Concepts and flexible strategies



with Tierney Kennedy

Introducing teachers to key concepts and strategies to help students make sense of number concepts.

Mackay Mathematics PD Opportunity
Send staff to either workshop, or both!

Where: Bucasia State School, 13 Kemp Street, BUCASIA QLD 4750
Time: 8.30am – 3.00pm both days

15 July 2024	Key Number Concepts	\$350pp
16 July 2024	Flexible Strategies	\$350pp
15 + 16 July 2024	Both Workshops	\$600/same participant

Tickets: <https://www.backtofrontmaths.com.au/event/kncfs-mackay/>



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Key Number Concepts Workshop

It can be difficult to know what to do when students fall behind in maths.

This workshop provided **real answers** to some of the most challenging parts of teaching, backed up by improvement data from both PATM and NAPLAN.

During this workshop, participants will:

- Choose a class, then observe a live lesson in which Tierney Kennedy diagnoses and fixes misconceptions in key number concepts, using conceptual-change questioning
- Deconstruct student understanding in Place Value, Proportional Reasoning and Multiplicative Thinking, focusing on underlying misconceptions and diagnostic strategies to identify issues

Includes catering, materials, PLUS a choice of 3 **Fixing Misconceptions books**.

Flexible Strategies Workshop

In maths, some strategies can take us a long way.

They are flexible and adaptable, can be used for multiple concepts and help students retain ideas.

This workshop introduces participants to 9 flexible strategies to teach all concepts from Years 3 - 9, as well as Essential and Foundation maths courses – without memorising formulas

Includes catering, manual, follow-up emails at 3 and 6 months, 12 months inclusion in an online mentoring group, 12 months access to 6 pre-recorded webinar videos plus freely available phone and email mentoring for 12 months