Year 7 catch-up

One day course, six-month program

1-day professional learning workshop
with Tierney Kennedy

When students start high school, they often come in at all different levels. This means that many schools use Year 7 as a "catch up year" to prepare students for the rest of high school.

This PD explores how to structure the first 6 months of Year 7 maths to help students master critical concepts from primary school, while also developing an understanding of AC9 content.

Where: **Glenmore State High School**
Cnr Bruce Hwy and Farm St, ROCKHAMPTON NORTH QLD 4701

When: **20th June 2024**

Time: **8.00am – 3.30pm**
(Registration commences 8.00am for an 8.30am start)

Cost: **$375** per teacher **OR** **$325** for 3 or more teachers from one school*

Bookings: https://backtofrontmaths.com.au/event/qld-y7cu-20jun24

*Note: Sending a minimum of 3 teachers also means the resources can be used for the whole school

Ticket includes catering, access to Back-to-Front Maths 6-month Intervention for Year 7 program, including all lessons*, plus your choice of 1 set of Interleaved Maths Essential Connections for Year 11 Maths books OR 3 books from the Interventions in Maths series: fixing misconceptions in place value, multiplication and division, and fractions. *Tickets limited to 40*

Finding and addressing misconceptions with Year 7

- Introduction to misconceptions
- Demonstration lesson using conceptional change approaches to address student misconceptions (1 hour)
- Finding common patterns in student responses
- Examining diagnostic testing responses

Three areas of greatest need

- Relative size and number lines, including integers, place value and introduction to algebra
- Area and array model for multiplicative and computational thinking as well as for factorising and expanding with algebra
- Proportional reasoning and operations with fractions, decimal and percent

High-impact strategies and how to use them across a program

- Conceptual change programs for addressing misconceptions
- Challenging problems as experiments
- Explicit teaching
- Interleaved and spaced practise