

# 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:** **Sunnybank State High School**  
Boorman Street, SUNNYBANK QLD 4109

**When:** **9<sup>th</sup> October 2023**

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

**Cost:** **\$425** per teacher **OR \$375** for 3 or more teachers from one school\*

**Bookings:** <https://backtofrontmaths.com.au/event/qld-cuy7-9oct23>

\*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.

### Finding and addressing misconceptions with Year 7

- Introduction to misconceptions
- Demonstration lesson using conceptual 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