



ChinUP LAKE MACQUARIE with Anita Chin

Thursday
14 MAR

(T1, wk 7)

3:45 pm - 6:00 pm

Taking a Deep Dive into Multiplicative Thinking, K-6

Do your students have a deep understanding of multiplication and division concepts or are they human calculators? Do they value the process (thinking) rather than the product (answer)? When students think multiplicatively, they see an equal sharing structure. This understanding can then be applied to more complex thinking such as using the area model and fraction concepts.

The presenter, Anita Chin will show you how multiplication and division concepts build K-6, rather than being isolated content taught in each grade. For students to be thinkers, we need to revisit prior learning whilst teaching new content every lesson. Doing this can be a challenge as it requires us to know up to 7 years of content knowledge, as well as language development, an awareness of which visual models and equipment to use, all whilst differentiating our whole-class instruction. Is this even possible? Yes it is, and you can! This hands-on workshop will empower you with tools and strategies to:

- see how the 'big ideas' for multiplication and division progress K-6 by engaging with the *NSW Mathematics K-10 Syllabus for the Australian Curriculum*
- immerse your students in rich mathematical language every day
- select tasks that are developmentally sequenced to meet the needs of all learners.

Participants will engage with classroom-ready whole-class differentiated tasks K-6, including the use of:

- student whiteboard insert sleeves BLMs eg dot array, 1cm area grid
- a range of dice eg. dot, 0-9, double, blank.

Black line masters and an e-folder of resources provided.

WHAT IS A ChinUP EVENT?

ChinUP professional learning events are 2-hour after-school workshops hosted by primary schools across NSW and the ACT. ChinUPs are designed for teams of up to eight educators and are open to anyone, from any sector and any school.

AUDIENCE

- > Early career teachers, K-6
- > Experienced teachers, K-6
- > Maths/Numeracy leaders, K-6

Biraban Public School - hall

Beckley Street, Toronto, NSW, 2283

Afternoon tea 3:45 pm - 4:00 pm

Workshop 4:00 pm - 6:00 pm

Cost: \$140 (GST incl) per participant. **Seats:** 80 participants

Parking: Free parking on Beckley Street.

'Grab & go' registration closes Fri 1 March 2019 (T1, wk 5): One team rego (max of 8) per school. Just grab your tickets now and give team details at the event. www.chinup-ddmt-bps.eventbrite.com.au

What to bring: Hard copy of the NSW K-6 Maths syllabus, post-it notes, yellow highlighter, your 6-digit NESA number.

Payment options: Credit card (no fees charged) or pay on invoice. Anita will invoice *EDConnect* directly for NSW government schools.

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Anita
Chin
inspired
mathematics
teaching



Completing **ChinUP K-6: Taking a Deep Dive into Multiplicative Thinking** will contribute 2 hours of NSW Education Standards Authority (NESA) Registered PD addressing 2.5.2 and 6.2.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

For further information visit

www.anitachinmaths.com.au/work-with-us/chinup-events