



# ChinUP WOLLONGONG

Wednesday  
**11 OCT**  
(T4, wk 1)  
3:45 pm - 6:00 pm

## Differentiating Place Value Concepts, K-6

Building strong foundations for student's images of whole numbers and decimal numbers are key to understanding place value. However, many students struggle with the concept of ten-ness. This hands-on workshop presented by Anita Chin will empower educators with whole-school tools and strategies to 'do more with less' by using whole-class differentiated resources to cater for the needs of all learners.

Participants will engage with appropriate tools to differentiate instruction to meet the wide range of needs and abilities in a mixed-ability and/or multi-aged classroom by experiencing a range of developmentally sequenced tasks K-6 which make mathematics visible by using:

- Five- and ten-frames
- A range of number charts e.g. 1 to 100, 701 to 800, 0.1 to 10, 0.01 to 1, -49 to 50

We will explore tasks, tools and talk that support a whole-school approach to students operating with place value concepts to help students make sense of part-part-whole thinking and non-standard partitioning. Whole-class strategies modelled for differentiating both the concept being taught and the concrete materials used include using:

- Five- and ten-frames to 'celebrate zero'
- Number charts to 'celebrate ten-ness'
- Connecting cubes and base-ten material to 'Make it, saw it, draw it, write it' using technical and everyday language
- Number fans when asking good-open ended questions.

Black line masters and links to resources provided, including access to videos of Anita's in-class demo lessons.

### 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, K-6.

- > Classroom teachers
- > Casual teachers
- > Numeracy/Maths/Instructional leaders
- > School leaders

### Keiraville Public School - hall

Afternoon tea 3:45 pm - 4:00 pm  
Workshop 4:00 pm - 6:00 pm

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

**Register online by 22 Sept 2017:** One team enrolment (up to 8) per school at <https://chinup-dpv-kps.eventbrite.com.au>  
Details needed per person: email, mobile, NESA level, NESA number (6-digits), role at school, year level teaching.

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

**What to bring:** A hard copy of the K-6 Syllabus, yellow highlighter.

**Contact:** [anita@anitachinmaths.com.au](mailto:anita@anitachinmaths.com.au)



Anita  
Chin  
inspired  
mathematics  
teaching



Completing *ChinUP K-6: Differentiating Place Value Concepts* will contribute 2 hours of 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/chinup-open-pl.html](http://www.anitachinmaths.com.au/chinup-open-pl.html)