



ChinUP CANBERRA

Wednesday
18 OCT
(T4, wk 2)
3:45 pm - 6:00 pm

Differentiating Multiplication and Division

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 be empowered with pedagogical content knowledge and appropriate tools to differentiate instruction to meet the wide range of needs and abilities in a mixed-ability and/or multi-aged classroom by:

- engaging with the NSW Mathematics K-10 Syllabus for the Australian Curriculum to see how the 'big ideas' for multiplication and division develop K-6
- experiencing a range of developmentally sequenced tasks K-6.

Whole class instruction strategies modelled for differentiating both the concept being taught and the concrete materials used includes the use of:

- rich mathematical language to teach for a conceptual understanding of multiplication and division concepts
- an interactive whiteboard or a large format touchscreen to annotate over the images in the online syllabus document to make the mathematics visible
- one resource for the whole class, differentiated to individual learning needs and abilities e.g. dot dice, 0-9 dice, 1-20 dice
- black line master insert sheets used with student white board insert sleeves e.g. dot array, 1 cm area grid
- the phrase "Make it, say it, draw it, write it" to develop students' ability to think, reason and work mathematically.

Blackline masters and links to resources provided, including access to videos of Anita Chin's in-class demonstration 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

Fadden Primary School (library)

Hanlon Cres, Fadden, ACT, 2904

Afternoon tea 3:45 pm - 4:00 pm

Workshop 4:00 pm - 6:00 pm

Cost: \$140 (GST incl) per participant.

Capacity: 40 participants

Register online by 22 Sept 2017: One team enrolment (up to 8) per school at <https://chinup-dmd-fps.eventbrite.com.au>

Details required per person: email, mobile, TQI number, role at school, year level teaching.

Payment options: Credit card (no fees charged) or pay on invoice. Payment must be received prior to the event.

Contact: anita@anitachinmaths.com.au



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For further information visit

www.anitachinmaths.com.au/chinup-open-pl.html