

Writing a Whole-School Scope and Sequence for Mathematics

Whole day staff workshop

This professional learning day is designed to empower all educators K-6 with pedagogical content knowledge by engaging with the *NSW Mathematics K-10 Syllabus for the Australian Curriculum* to see how the 'big ideas' of mathematics develop K-6 and how concepts connect both within and across strands.

Educators work collaboratively in small Professional Learning Teams within the one learning space, with Anita facilitating a whole-school approach model of professional learning. The course can also be delivered to just a small team of leaders consisting of your school's Mathematics team members and other school leaders.

Step 1 - Examine the organisation of the developmentally sequenced content within the syllabus, showing:

- Big ideas organised according to the Australian Curriculum content descriptors
- Knowledge and skills, ie the 'what'
- Working mathematically components, ie the 'how'
- Mental computation strategies and other key features, such as the diagrams and language.

Step 2 - Analyse the content to determine the number of weeks each strand requires.

Step 3 - Consider what content will be delivered from one strand over a week of teaching.

Step 4 - Position content in grade-based scope and sequences by identifying prior knowledge needed and considering day-to-day events occurring within the school year.



Your presenter

A leading expert in Australian primary mathematics education, Anita works with schools across Australia to transform teachers and leaders into confident, inspired mathematics educators.

With over 25 years' experience in Mathematics education K-12 Anita has a uniquely animated and enjoyable teaching style and shares her content knowledge in ways teachers can understand and relate to. She delivers a deep, whole-school understanding of the mathematics curriculum, along with innovative teaching techniques that inspire and delight.

Participants: Up to 35 from one school

Audience: Early career teachers, experienced teachers, maths and school leaders.

Delivery Model: 5-hour whole-day workshop

Course Code: SWSS5010

Further information: www.anitachinmaths.com.au/pl

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