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SIX BENEFITS OF TRAINING A FACILITATOR

- 1** You are able to assume **control** of the timing of training and the implementation of the initiative.
- 2** You are able to select Facilitators who have **local** understandings of issues and challenges in your school/cluster.
- 3** It is the most **cost-effective** way for your whole staff to access high quality professional learning.
- 4** Your teachers will benefit from **spaced learning** as your Facilitator presents sessions over time.
- 5** You have an **in-house** person to provide teachers with ongoing support as they need it.
- 6** Your Facilitators can shape the resource for **your** context and teachers.

First Steps in Mathematics SPACE

A whole-school approach to mathematics

FOR TEACHERS OF YEARS K-7

An outstanding resource for any school looking to implement The Australian Curriculum: Mathematics — GEOMETRY

Benefits of *First Steps in Mathematics SPACE* Resources

- ◆ Develops and expands teachers' understanding of mathematics
- ◆ Reveals student's misconceptions about mathematics
- ◆ Provides easily administered Diagnostic Tasks and learning activities to help identify and correct misconceptions
- ◆ Helps teachers identify students who get the right answers for the wrong reasons.

Using contemporary research to help teachers identify & address students' mathematical misconceptions in geometry

First Steps in Mathematics SPACE Sessions:

Unit 1: Represent Location

This workshop explores teaching procedures and activities that support students to visualise, draw and model locations and arrangements.

Unit 2: Represent Shape

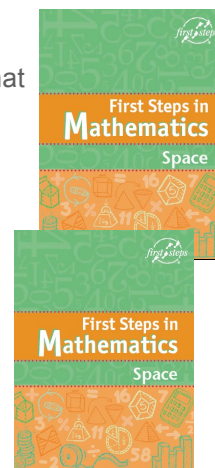
In this workshop participants examine practical activities that will help students visualize, draw and model shapes.

Unit 3: Represent Transformation

This unit provides teachers with a range of activities to help students visualise transformations and show the effect of them on shapes and Arrangements.

Unit 4 : Reason Geometrically

This unit provides teachers with a range of activities to help students reason about shapes, transformations and arrangements to solve problems and justify solutions.



What teachers have said about the new *First Steps in Mathematics SPACE* Course...

- "Fantastic...I really got a lot out of it— I'm much more confident to use it in my classroom!"
- "Excellent... it's very useful to go into the detail of such aspects as Symmetry and constructing & clarifying shapes and relating them to the real world...great to devote time to this area"
- "Great use of work samples to help us accurately use the Diagnostic Map"