



## Introduction to Area Models (Online, self-paced course)

### Who should do this course?

This course is designed for teachers of stage 4 mathematics who are new to area models or are looking for resources and considerations for using them to effectively teach multiplication, division, expansion and factorisation.

### What will happen on the course?

Participants will:

- Develop a deep understanding of how area models represent multiplication for two-digit numbers, fractions, decimals and algebraic terms.
- Extend the concept of multiplication area models to represent division of a variety of types of numbers and factorisation of algebraic expressions.
- Explore a variety of online interactives to build area models to represent operations.
- Reflect on how a concrete, pictorial and abstract approach to teaching multiplication and division supports developing students' conceptual understanding.

### Why should I take this course?

Take this course to learn about area models and how they can be used to represent a variety of multiplications, divisions, expansions and factorisations in stage 4 situations. Leave this course with a package of paper and online resources to be used to work with area models with stage 4 students.

Dates of Course	Time	Location	Registration Closing Date
Monday 3 February – Friday 12 December	Course takes approximately 4-5 hours	Online via the Open Learning Platform	7 December 2025
<b>Registration Fee:</b>	<b>\$120</b> for Members	<b>\$180</b> for Non-members	

Register online via the Professional Learning tab on the MANSW website([www.mansw.nsw.edu.au](http://www.mansw.nsw.edu.au)).

Any questions regarding registration, please email [events@mansw.nsw.edu.au](mailto:events@mansw.nsw.edu.au).

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