



Further Area Models (Online, self-paced course)

Who should do this course?

This course is designed for teachers of stage 5 mathematics who are familiar with based area models and are looking for resources and considerations for extending area models to effectively teach multiplication, division, expansion and factorisation in stage 5 situations.

What will happen on the course?

Participants will:

- Develop a deep understanding of how area models represent multiplication for binomial terms, special algebraic products, and surds.
- Extend the concept of multiplication area models to represent factorisation of various 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 5 situations. Leave this course with a package of paper and online resources to be used to work with area models with stage 5 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
Registration Fee:	\$120 for Members	\$180 for Non-members	

Register online via the Professional Learning tab on the MANSW website(www.mansw.nsw.edu.au).

Any questions regarding registration, please email events@mansw.nsw.edu.au.

Not a Member of MANSW? Why not join and be part of the Mathematics Community?