

# A guide to the new Australian Curriculum (Version 9.0) Primary Mathematics F-6



This guide contains a clear, concise overview of the key changes to the structure and content of the Australian Curriculum Mathematics (Version 9.0) to save you time and help you plan and implement the new curriculum.

# Why is the Australian Curriculum Mathematics changing?

The Australian Curriculum is reviewed by ACARA every 6 years and the 2020–2021 review resulted in the Australian Curriculum, Version 9.0.

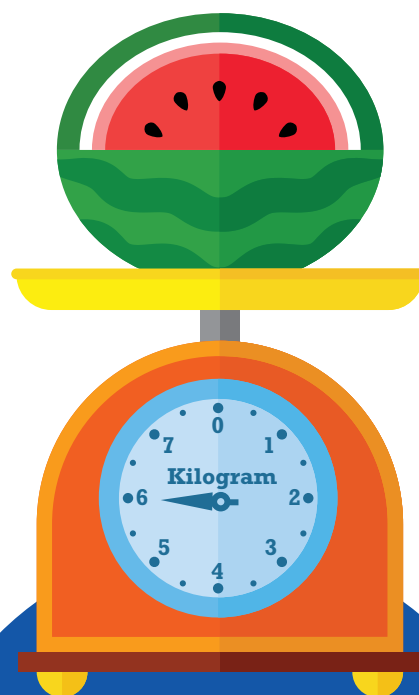
The review was conducted to ensure the curriculum was up to date, had a strong evidence base, and matched the high standards expected in other high-performing countries.

According to ACARA, 'Australian Curriculum, Version 9.0 is a more stripped-back and teachable curriculum that identifies the essential content our children should learn'.

In mathematics, there is a stronger focus on students mastering the essential mathematical facts, skills, concepts and processes, and being introduced to these at the right time.

The new Australian Curriculum Mathematics has been designed around the assumption that students will study mathematics in each year of schooling from Foundation to Year 10, but state and territory approaches differ, so check with the curriculum or education authority before finalising your teaching programs.

For more detailed information on the changes to Australian Curriculum Mathematics (Version 9.0), visit the Australian Curriculum website ([australiancurriculum.edu.au](http://australiancurriculum.edu.au)).



**K E Y F A C T S**

In May 2022, an updated version of Australian Curriculum Mathematics (known as Version 9.0) was released by the Australian Curriculum, Assessment and Reporting Authority (ACARA).

From Term 1 2023, schools around Australia will begin to implement the Australian Curriculum Mathematics (Version 9.0), most according to their own state and territory timelines.

# How is the curriculum and content changing?



The basic structure of the Australian curriculum for mathematics remains unchanged, but many of the content descriptions and achievement standards have changed.

Content is organised into six inter-related strands: Number, Algebra, Measurement, Space, Statistics and Probability.

The curriculum also includes the mathematical Proficiencies and Processes, and the General Capabilities shown in the table below.

The mathematics curriculum provides opportunities for connections to other key learning areas, such as Science, Technologies, the Arts, Humanities and Social Sciences, and Health and Physical Education.

The aims of the Australian curriculum for mathematics remain the same, to ensure that students become confident and proficient mathematicians, able to make connections and apply skills and understanding to real-life contexts across various fields and disciplines.

However, many achievement standards, content codes and descriptions have been refined. Detailed comparative information can be downloaded from ACARA at <https://v9.australiancurriculum.edu.au/downloads/learning-areas>.



## Processes

Mathematical process skills are embedded within the content across all strands.

- ✓ Mathematical modelling
- ✓ Computational thinking
- ✓ Statistical investigation
- ✓ Probability experiments and simulations

## General capabilities

The knowledge, skills, behaviours and dispositions required to live and work successfully.

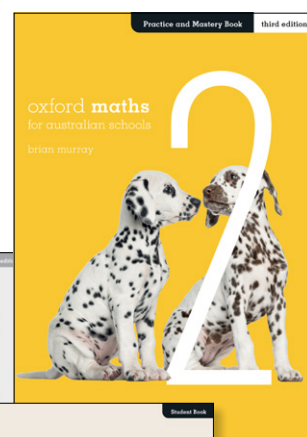
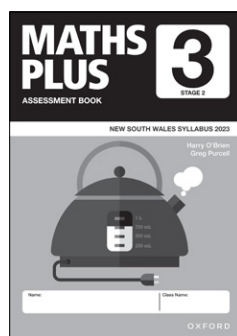
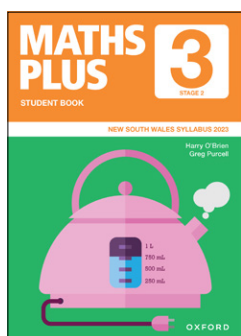
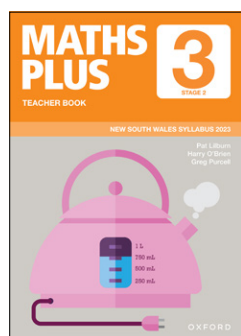
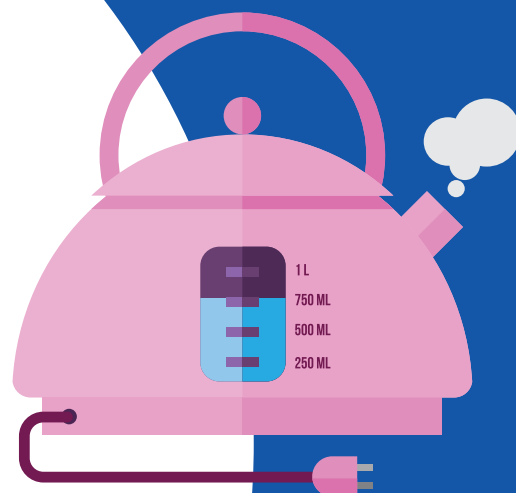
- ✓ Critical and creative thinking
- ✓ Digital literacy
- ✓ Ethical understanding
- ✓ Literacy
- ✓ Numeracy

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- ✓ *Maths Plus* is a whole-school mathematics program for F–6, that follows a spiral approach to learning. Students explore and revisit mathematical concepts throughout the year, building their skills, developing their understanding, and making connections over time.
- ✓ *Maths Plus* offers explicit instruction, practice and consolidation, problem-solving tasks, mental and homework activities.

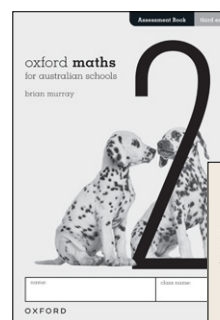


## **Oxford Maths** **NEW EDITION FOR 2024!**

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Designed by experienced classroom teachers, *Oxford Maths 3e*:

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