# Mathematics K–2 Syllabus video

## Transcript

The Mathematics syllabus for K–2 clearly prioritises essential knowledge and skills.

The syllabus has been developed using evidence-based research to develop essential knowledge and skills for all learners.

Foundational skills set students up for a lifetime of learning.

They unlock academic potential and improve education outcomes.

Simple, concise language clearly identifies key concepts, knowledge and skills.

Content groups assist teachers to identify the key knowledge and skills for each focus area.

Content is inclusive of every student in NSW, including Aboriginal students, EAL/D students, gifted and talented students, and students with disability.

There is a clear progression from Early Stage 1 to Stage 1 outcomes and content.

Access content points support students with significant intellectual disability.

The syllabus is provided on a purpose-built website with quick, easy navigation and access to outcomes and content.

Syllabus components are easily viewed, downloaded and printed.

The website includes teaching advice to support all learners.

The syllabus recognises the importance of reasoning in strengthening foundational mathematical skills.

An overarching Working Mathematically outcome highlights interrelated processes in mathematics, including:

* understanding
* fluency
* problem-solving
* communicating
* reasoning.

The outcomes have been organised to reflect the connections across and within the mathematical concepts of:

* Number and algebra
* Measurement and space
* Statistics and probability.

There is a greater focus on the language used in Mathematics to better support learning and understanding.

Online, accredited professional development supports the syllabus and can be accessed by teachers at any time.

The Mathematics syllabus lays the groundwork for the development of key skills and knowledge to enable learning for now and into the future.

Implementation begins in schools in 2022 and the syllabuses will be taught in all NSW primary schools from 2023.

You can view the syllabus here at [www.curriculum.nsw.edu.au](http://www.curriculum.nsw.edu.au).

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