# Mathematics 3–6 Syllabus video

## Transcript

The Mathematics 3–6 outcomes and content prioritise essential knowledge and skills, building on the mathematical concepts and processes developed in K–2.

The syllabus has been developed using evidence-based research.

Clear, concise language identifies key concepts, knowledge and skills.

There are clear expectations for students’ developmental progression in relation to important concepts such as place value, additive and multiplicative relations, and fractions.

The syllabus focuses on students learning to view mathematical ideas as connected.

The syllabus highlights related content to assist teachers in making these connections.

The syllabus recognises the importance of communicating through a range of representations. There is a greater focus on the language used in mathematics to better support learning and understanding.

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

An overarching Working Mathematically outcome highlights interrelated processes in mathematics.

There is a clear progression from Stage 2 to Stage 3 outcomes and content.

Focus areas have been organised to reflect the connections across and within the mathematical concepts.

Content groups help teachers identify key knowledge and skills in each focus area.

Examples and teaching advice are also provided to support teachers.

New South Wales classrooms are diverse. Each student brings abilities, talents, backgrounds and experiences that should be valued and nurtured.

Our Statement of Equity Principles makes sure that syllabuses are designed to be inclusive of every student in NSW, including Aboriginal students, students with disability, students learning English as an additional language or dialect, and gifted and talented students.

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

Syllabus elements are easily viewed, downloaded and printed.

The syllabus will give teachers more time to focus on teaching so that students develop a deeper understanding of core concepts.

It will ensure students develop strong foundations for learning, life and work in a complex and fast-changing world.

You can view the syllabus and information regarding implementation at [www.curriculum.nsw.edu.au](https://curriculum.nsw.edu.au/)

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