Mathematics 11–12 (2024): Syllabus video

Transcript

The new Mathematics 11–12 syllabuses build on the new Kindergarten to Year 10 Mathematics syllabuses and clearly outlines essential learning, giving every student the opportunity to maximise their learning and understanding of Mathematics.

Explicit content and outcomes across the Mathematics 11–12 syllabuses supports teaching and allows students to have a clear understanding of what is essential for them to know.

The syllabuses have been developed using evidence-based research.

Clear, concise language identifies the essential content for all learners.

The Mathematics 11–12 syllabuses include a revised structure for outcomes and content that makes explicit the essential knowledge, understanding and skills that students develop in their selected course. The content of the Mathematics 11–12 syllabuses has been streamlined and builds on the Stage 4 and 5 outcomes and content in the new 7–10 syllabus.

There is an explicit focus on working mathematically which involves communicating, reasoning, understanding, fluency, and problem solving. Working mathematically and the application of technology are embedded in content and this is strongly supported by the evidence that this approach increases student confidence and capacity to apply mathematical knowledge.

New South Wales classrooms are diverse.

Each student brings abilities, talents, backgrounds and experiences that should be valued and nurtured.

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

New Early Stage 1 access content points and 7–10 Life Skills outcomes and content provide a pathway for students with intellectual disability.

There is a new structure for the *Mathematics 11–12 Life Skills Syllabus* which includes a new focus area: the Mathematics Project. This content prepares students for post-school endeavours and real-world application of numerical thinking and mathematical skills.

The *Mathematics 11–12 Life Skills Syllabus* has been aligned to the *Mathematics Standard 11–12 Syllabus* and the Numeracy CEC and the content demonstrates clear progression from the *Mathematics 7–10 Syllabus*.

The syllabuses are 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 curriculum provides teachers with more time to focus on teaching, so that students develop a deeper understanding of core concepts.

It supports students to 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 [curriculum.nsw.edu.au](http://curriculum.nsw.edu.au/)

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