What is the Australian Curriculum?

In NSW the Australian Curriculum is being implemented through syllabuses developed by the NSW Education Standards Authority (NESA).

NESA has developed a new Technology Mandatory syllabus for Years 7–8. The new syllabus includes Australian Curriculum content and content that clarifies learning.

When will the new Technology Mandatory syllabus be taught in NSW?

For schools delivering the course over Year 7 and Year 8 (100 hours per year)

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2018</td>
<td>School planning for the new syllabus</td>
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<tr>
<td>2019</td>
<td>Implementation for Year 7</td>
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<tr>
<td>2020</td>
<td>Implementation for Year 8</td>
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For schools delivering the 200-hour course in either Year 7 or Year 8

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<tr>
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What will my child learn in Technology Mandatory Years 7–8?

The new syllabus builds on the strengths of the previous NSW Science and Technology K–6 and Technology (Mandatory) Years 7–8 syllabuses. The syllabus identifies the knowledge, understanding, skills, values and attitudes that students are expected to develop in the Technology learning area. The syllabus is designed to provide flexibility for teachers to develop their teaching and learning programs to meet the needs of their students.

- Students are required to study Technology Mandatory for 200 hours.
• Technology Mandatory consists of four context areas to be studied by the end of Stage 4.
• In *Agriculture and Food Technologies* students learn about food and fibre production and how to make informed choices when preparing nutritious food.
• In *Digital Technologies* students learn about data and computer programming. This context must be delivered for a minimum of 50 indicative hours.
• In *Engineered Systems* students learn how force, motion and energy can be used in systems, machines and structures.
• In *Material Technologies* students learn about the application of specialist skills and techniques to a broad range of traditional, contemporary and advancing materials.
• Students must develop a minimum of four design projects by the end of Stage 4. Design projects involve the design, production and evaluation of quality solutions to meet identified needs or opportunities.

The syllabus addresses important contemporary themes and general capabilities as students prepare to live and work successfully in the 21st century. These include Australian Curriculum cross-curriculum priorities and general capabilities, and other learning across the curriculum areas identified by NESA.

| Cross-curriculum priorities | Aboriginal and Torres Strait Islander histories and cultures  
|                           | Asia and Australia’s engagement with Asia  
|                           | Sustainability |
| General capabilities       | Critical and creative thinking  
|                           | Ethical understanding  
|                           | Information and communication technology capability  
|                           | Intercultural understanding  
|                           | Literacy  
|                           | Numeracy  
|                           | Personal and social capability |
| Other learning across the curriculum areas | Civics and citizenship  
|                                          | Difference and diversity  
|                                          | Work and enterprise |

**How does the syllabus include all learners?**

The *Technology Mandatory Years 7–8 Syllabus* is inclusive of the learning needs of all students. Particular advice about supporting students with special education needs, gifted and talented students, and students learning English as an additional language or dialect is included in the syllabus and on the NESA website.

Students with special education needs may require adjustments to teaching, learning and assessment in Technology Mandatory. Schools can differentiate teaching programs to meet the individual learning needs of students, including accessing syllabus content from an earlier Stage. Speak to your school about the most appropriate learning options for your child.
Where can I find more information?

For more information visit these sections on the NESA website: