Summary of changes to the Western Australian Curriculum: Technologies

Overall

The Western Australian Technologies curriculum was originally adopted and adapted from the Australian Curriculum version 8.4 (2018) to develop year level syllabuses.

The Technologies curriculum has been revised against the Australian Curriculum version 9, contextualised for the *Western Australian Curriculum and Assessment Outline* to meet the needs of students and teachers. The content has been clarified, and exemplified, to support teachers in planning for teaching, learning and assessment.

The Western Australian Curriculum: Technologies learning area comprises two subjects:

- Design and Technologies
- Digital Technologies.

The Technologies curriculum is written on the basis that all students will study both Technologies subjects each year from Pre-primary to the end of Year 8.

Within Design and Technologies, each year students have the opportunity to study at least one of the four contexts: Engineering principles and systems; Food and fibre production; Food specialisations; Materials and technologies specialisations. For Design and Technologies, it is desirable that schools provide students with the opportunity to engage with all contexts across Pre-primary to Year 10.

In Years 9 and 10, the study of Technologies is optional.

Subject: Design and Technologies – Summary of changes

Strand – renamed

Creating solutions by renamed **Design thinking skills** from Pre-primary to Year 10

This strand is shared content with Digital Technologies

Sub-strand – renamed

The sub-strand **Collaborating and managing** renamed **Project management**

The **Project management** sub-strand is shared content with Digital Technologies

Subject content

New content

- Inclusion of content descriptions for **Food specialisations** from Pre-primary to Year 4

Updated content

- Reviewed and refined language in the content descriptions, including in the strand **Design thinking skills**
- Updated language to reflect contemporary understandings, current trends and terminology, and connections with industry
- Changes to content descriptions to enhance the progression across year levels, including transition from Year 6 to Year 7
- Content descriptions, particularly for Years 7–10
  - create stronger connection between Technologies and Society and each of the four contexts
  - align content for each context to be consistent in knowledge, application, breadth and sequential development at each year level
  - consider sustainable factors for designed solutions

Reorganised content

- Some content has been reorganised to support content threads that are clear and developmentally appropriate to the year level

Removed content

- Removed 'combined' contexts and reorganised as four distinct contexts.
- Removed outdated content and terminology
- Removed the title for the strands **Knowledge and understanding** and **Process and production skills**

Year level descriptions

- Inclusion of phases of schooling information to provide teachers with guidance about the variety of curriculum experiences likely to support children and students at each phase
- Updated to align with the revised content descriptions

Achievement standards

- Ensured the standards provide specific information for teachers to make informed judgements about student achievement
- Reviewed to align with revised content descriptions

Subject: Digital Technologies – Summary of changes

Strand – renamed

Creating solutions by renamed **Design thinking skills** from Pre-primary to Year 10

This strand is shared content with Design and Technologies

Collecting, managing and analysing data renamed **Acquiring, managing and analysing data**

Representation of data renamed **Data representation**

Sub-strands – renamed

The sub-strand **Collaborating and managing** renamed **Project management**

The **Project management** sub-strand is shared content with Design and Technologies

Strand – added

- **Privacy and security** added from Pre-primary to Year 10

Sub-strand – removed

- **Collecting, managing and analysing data** removed from Pre-primary to Year 6

Subject content

New content

- Inclusion of content descriptions for **Privacy and security** from Pre-primary to Year 10

Updated content

- Reviewed and refined language in the content descriptions, including in the strand **Design thinking skills**
- Updated metalanguage in content descriptions
- Changes to content descriptions to enhance the progression across year levels

Reorganised content

- Some content has been reorganised to support content threads that are clear and developmentally appropriate to the year level

Removed content

- Removed outdated content and terminology
- Removed content that was repetitious in both **Process and production skills** and **Creating solutions by**
  Removed the title for the strands **Knowledge and understanding** and **Process and production skills**

Year level descriptions

- Inclusion of phases of schooling information to provide teachers with guidance about the variety of curriculum experiences likely to support children and students at each phase
- Updated to align with the revised content descriptions

Achievement standards

- Ensured the standards provide specific information for teachers to make informed judgements about student achievement
- Reviewed to align with revised content descriptions