

Downloaded from <https://k10outline.scsa.wa.edu.au/home/p-10-curriculum/curriculum-browser/technologies/digital-technologies2/technologies-overview/organisation> on 03/07/2024 check website for latest version.



School Curriculum
and Standards
Authority

The Authority

Kindergarten to Year 10

Years 11 and 12

Student

 Extranet Login

[Home](#)

[Principles](#) ▾

[Teaching](#) ▾

[Assessing](#) ▾

[Policy](#) ▾

[Re](#)

You are here > [K-10 Outline](#) > [Teaching](#) > [Western Australian Curriculum Technologies Overview](#) > [Organisation](#)

Organisation

[Download Curriculum as PDF](#)

Overview

Rationale

Aims

Organisation

Student Diversity

Ways of Teaching

Ways of Teaching Video

Ways of Assessing

General Capabilities



Cross-Curriculum Priorities


Glossary

 [Technologies Glossary](#)

 [Technologies Scope and Sequence](#)

 [Technologies Scope and Sequence](#) 

 [ABLEWA Technologies Scope & Sequence](#) 

 [ABLEWA Technologies Scope & Sequence](#)

[◀ Return to Technologies](#)

Content structure

The Western Australian Technologies subjects:

- Design and Technologies
- Digital Technologies

The Technologies curriculum provides a range of opportunities for students to engage with Design and Technologies (Engineering specialisations); Mathematics and Digital Technologies. This provides an opportunity to study

In Years 9 and 10 the

In Design and Technologies provides an opportunity to engage

In Design and Technologies students explore different technological production; Food science and they create design

In Digital Technologies students explore design thinking and Digital Technologies practical applications

The syllabus for each subject provides an understanding and similarities and connections

a comprehensive understanding of various technologies. It also includes practical applications, such as coding, robotics, and digital design, to prepare students for the workforce. The Technologies subject is a key component of the curriculum, providing students with the skills and knowledge needed to thrive in a digital world.

The Technologies curriculum focuses on developing students' understanding of various technologies and digital systems. It covers topics such as computational thinking, design, and problem-solving, equipping students with the skills needed to navigate the digital world.

SYSTEMS
THINKING

Figure 1: The rela

Relationship

Knowledge, understandi
related strands:

- Knowledge and u
- Processes and pr

Teachers select tec
understanding strai
skills strand to that

The common stranc
the two subjects.

Knowledge a

Design and Techn

Technologies and

- the use, developi
technologies in p

Technologies con

Technologies and d
technologies contex

- Engineering princ
- Food and fibre pr
- Food specialisati
- Materials and tec
specialisations

Table 1: Outlines

Processes ar

Design and Techn

Creating solution

- investigating and
- designing
- producing and im
- evaluating
- collaborating and

Table 2: Outlines

--

The Technologies curriculum includes Technologies and Digital Technologies and Digital Technologies Knowledge and understanding, and production skills strands.

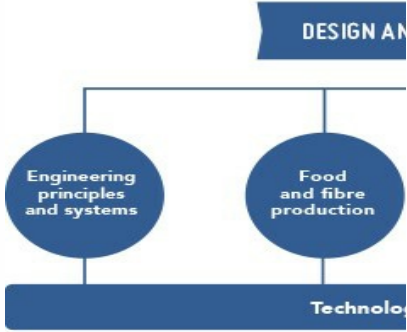


Figure 2: The orga

Year level de

Year level description
with core content b
interrelated nature
integration of conte

Content des

Content description
are expected to tea
approaches to teac
is appropriately ord
concept or skill intr
extended at later y

Additional content c
teaching programs.
into account learni

The additional cont

Achievemen

From Pre-primary to
that students shoul
An achievement sta
conceptual underst
student is well-plac
achievement.

Glossary

A glossary is provided
concepts included in

[Principles](#)

[Teaching](#)

[Assessing](#)

[Policy](#)

[Resources](#)

Subscribe to our monthly K-10 Circular

wa.gov.au ↗