

Downloaded from

<https://k10outline.scsa.wa.edu.au/home/teaching/curriculum-browser/technologies/technologies-overview/general-capabilities> on 22/10/2021 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 General Capabilities](#)

General Capabilities

[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](#)

The general capabilities are the dispositions that will be expected of students in the 21st century. Teachers are responsible for teaching and learning these capabilities, which are assessed unless the

Literacy

Across the Western world, literacy is the knowledge, skill and ability to use language in learning and communication in a modern society. Literacy involves reading and creating oral, print and digital texts for different purposes and contexts.

In Technologies, students use literacy to understand concepts and detail in written texts, including detailed written instructions, procedural writings, recipes; prepare accounts and coding; write proposals, evaluations, and prepare detailed spreadsheets.

By learning the literacy skills, students can understand Technologies vocabulary, processes and products. Information is presented in tables and graphs.

discussing in techn
evaluating ideas.

Numeracy

Across the Western
develop the knowle
areas at school, and
recognising and un
dispositions and ca

The Technologies c
mathematical know
number to calculat
statistics; measure
refine and test conc
managing projects.
with the concepts c
volume. They use t
work with digital m
processes when de

Information capability

Across the Western
learn to use ICT eff
information and ide
at school, and in th
learning to make th

ways of doing things and others in a digital

In Digital Technology, data, digital systems apply this when the Students learn to find and represent them in a digital logic. Students decide on physical resources and digital solutions that

In Design and Technology, a range of software applications complemented and range of software applications design ideas. Students evaluate design ideas; generate and produce solutions using drawings and models using computer-aided design

Critical and Creative Thinking

Across the Western world, creative thinking as a skill and ideas, seek positive creative thinking and deeply using skills, resourcefulness, imagination

their lives beyond s

Students develop c
generate, develop a
capacity for abstrac
straightforward solu
the decision-making
thinking. They ident
knowledge in a rang

Students think critic
futures. They consid
equipment (past an
better designed and
working with digital
visual and spatial th
environments.

Personal and

Across the Western
capability as they le
relationships, lives,
capability involves
regulating emotions
establishing positiv
in teams and handl

Students develop p
management and c
learning, plan and c

can apply design the decisions. Students cooperatively in tea resolving conflict an degree of risk-takin they develop resilie

The Technologies le developing their so researching and ide decisions on people responsibility throu

Ethical unde

Across the Western as they identify and principles, and unde understanding invo ethical outlook that develop an awaren others.

Students develop tl responsible principl using technologies ethical lens, they in global technologica their findings again viability, health, soc

explore complex issues
are encouraged to

Students learn about
people, animals, data
responsibilities in various
forms. They learn to
natural systems in

Students consider to
learn to detect bias
intellectual property
to be ethical digital

Intercultural

Across the Western
understanding as the
those of others. The
identities are shaped
capability involves
ways that recognise
and cultivate mutual

Students consider the
national, regional and
people's lives. They
to use technologies
Students investigate
form of solutions, part
of daily life now and

In their interactions dynamic and complex assumptions. They applying appropriate technologies and so members of all cultures misunderstanding.

[Principles](#)

[Teaching](#)

[Assessing](#)

[Policy](#)

[Resources](#)

Subscribe to our monthly K-10 Circular

[wa.gov.au](https://www.wa.gov.au) 