

Mapping the general capabilities

Years 7–10 Design and Technologies

Overview

The general capabilities are designed to be developed within and through the discipline-specific content of the eight learning areas. Within the Australian Curriculum, icons have been used in content descriptions to identify where general capabilities meaningfully align with learning area content.

The following table provides a detailed mapping of where general capability elements and sub-elements have been identified as being able to be developed in Design and Technologies content descriptions. Teachers can use their professional judgment in determining how to integrate the general capabilities with learning area content. Not all identified alignments need to be included when planning and teaching. Additional alignment beyond what is represented in the following table is also possible.



General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
Critical and creative thinking	Inquiring	Develop questions		
		Identify, process and evaluate information	AC9TDE8K03 AC9TDE8K04 AC9TDE8K05 AC9TDE8K06	AC9TDE10K02 AC9TDE10K03 AC9TDE10K05
	Generating	Create possibilities	AC9TDE8P01 AC9TDE8P02	AC9TDE10K04 AC9TDE10P02 AC9TDE10P05
		Consider alternatives	AC9TDE8K05 AC9TDE8K06 AC9TDE8P01 AC9TDE8P02	AC9TDE10P01 AC9TDE10P03
		Put ideas into action	AC9TDE8P01 AC9TDE8P02 AC9TDE8P03	AC9TDE10K05 AC9TDE10P01 AC9TDE10P03
	Analysing	Interpret concepts and problems		AC9TDE10K02 AC9TDE10K06 AC9TDE10P01
		Draw conclusions and provide reasons	AC9TDE8K03 AC9TDE8K04 AC9TDE8K05 AC9TDE8K06 AC9TDE8P03	AC9TDE10K02 AC9TDE10K03 AC9TDE10K04 AC9TDE10K05 AC9TDE10K06 AC9TDE10P01 AC9TDE10P03 AC9TDE10P04

General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
	Reflecting	Evaluate actions and outcomes	AC9TDE8P04	AC9TDE10P04 AC9TDE10P05
		Think about thinking (metacognition)		
		Transfer knowledge		
Digital literacy	Practising digital safety and wellbeing	Manage online safety		
		Manage digital privacy and identity		
		Manage digital wellbeing		
	Investigating	Locate information		
		Acquire and collate data		
		Interpret data		
	Creating and exchanging	Plan	AC9TDE8P02	
		Create, communicate and collaborate	AC9TDE8P02	AC9TDE10P02
		Respect intellectual property		
	Managing and operating	Manage content		
		Protect content		
		Select and operate tools		

General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
Ethical understanding	Understanding ethical concepts and perspectives	Explore ethical concepts	AC9TDE8K01	
		Examine values, rights and responsibilities and ethical norms		
		Recognise influences on ethical behaviour and perspectives	AC9TDE8K02	AC9TDE10K01 AC9TDE10K04
	Responding to ethical issues	Explore ethical perspectives and frameworks		
		Explore ethical issues	AC9TDE8K01 AC9TDE8K02	AC9TDE10K04
		Make and reflect on ethical decisions	AC9TDE8K01 AC9TDE8K02	AC9TDE10K04
Intercultural understanding	Reflecting on culture and cultural diversity	Reflect on the relationship between cultures and identities		
		Examine cultural perspectives and world views		
		Explore the influence of cultures on interactions		
	Engaging with cultural and linguistic diversity	Communicate responsively		
		Develop multiple perspectives		
		Develop empathy		
	Navigating intercultural contexts	Consider responses to intercultural contexts		
		Respond to biases, stereotypes, prejudices and discrimination		
		Adapt in intercultural exchanges		

General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
Literacy	Speaking and listening	Listening		
		Interacting		
		Speaking		
	Reading and viewing	Phonological awareness		
		Phonic knowledge and word recognition		
		Fluency		
		Understanding texts	AC9TDE8K03 AC9TDE8K05 AC9TDE8K06	AC9TDE10K03 AC9TDE10K06 AC9TDE10P01
	Writing	Creating texts	AC9TDE8P05	
		Grammar		
		Punctuation		
		Spelling		
		Handwriting and keyboarding		

General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
Numeracy	Number sense and algebra	Number and place value		
		Counting process		
		Additive strategies		
		Multiplicative strategies		
		Interpreting fractions		
		Proportional thinking		
		Number patterns and algebraic thinking		
		Understanding money		
	Measurement and geometry	Understanding units of measurement		
		Understanding geometric properties		
		Positioning and locating		
		Measuring time		
	Statistics and probability	Understanding chance		
		Interpreting and representing data		

General capability	Element	Sub-element	Content descriptions	
			Years 7–8 band	Years 9–10 band
Personal and social capability	Self-awareness	Personal awareness		
		Emotional awareness		
		Reflective practice		
	Self-management	Goal setting		
		Emotional regulation		
		Perseverance and adaptability	AC9TDE8P03	AC9TDE10P03
	Social awareness	Empathy		
		Relational awareness		
		Community awareness		
	Social management	Communication		
		Collaboration	AC9TDE8P05	AC9TDE10P05
		Leadership		
		Decision-making		AC9TDE10P05
		Conflict resolution		



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