

Cognitive verbs in the P–10 Australian Curriculum: Technologies — Design and Technologies

Overview

Key	
AS	Achievement standard
CD	Content description

The table below shows how the most common cognitive verbs across the Australian Curriculum are used in Design and Technologies, along with other cognitive verbs (italicised) that are particularly important to student thinking in this subject. The cognitive verbs are categorised using Marzano and Kendall's (2007) four levels of cognitive process: retrieval, comprehension, analysis and knowledge utilisation. For the full list of common cognitive verbs, refer to the *Categories of common cognitive verbs* at www.qcaa.qld.edu.au.

Cognitive process ¹	Cognitive verb	Prep (Foundation)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Knowledge utilisation	Create		AS, CD		AS		AS		AS		AS, CD	
	Decide		AS						AS			
	Develop		CD		AS, CD		CD		AS, CD		CD	
	Evaluate		AS, CD		AS, CD		AS, CD		AS, CD		AS, CD	
	<i>Generate</i>		<i>CD</i>		<i>AS, CD</i>		<i>AS, CD</i>		<i>AS, CD</i>			
	Investigate				CD		CD		CD		CD	
	Justify								CD		AS, CD	
	<i>Manipulate</i>				<i>AS, CD</i>				<i>CD</i>			
	<i>Modify</i>							AS	AS			
	<i>Test</i>					<i>CD</i>		AS	<i>AS, CD</i>			
Analysis	Analyse								CD		CD	
	Apply						CD		AS		AS, CD	
	Connect										AS	
	Consider		CD				AS, CD		AS		AS	
	Critique				CD		CD		CD		CD	
	Examine						CD					
	Judge								AS		CD	

Cognitive process ¹	Cognitive verb	Prep (Foundation)	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Comprehension	Communicate		AS		AS, CD		AS, CD		AS, CD		AS, CD	
	Describe		AS, CD		AS		AS				AS	
	Explain				AS		AS		AS		AS, CD	
	Represent						AS		AS, CD			
	<i>Sequence</i>		AS, CD		CD							
Retrieval	Demonstrate		AS		AS							
	Identify		AS, CD		AS						AS	
	Recognise		AS		CD						CD	
	Select		CD		CD		AS, CD		CD		AS, CD	
	Use		AS, CD		AS, CD		AS, CD		AS, CD		AS, CD	

¹ Kendall, J & Marzano, R 2007, *The New Taxonomy of Educational Objectives*, Corwin Press, Thousand Oaks, CA.