

What is applying?

To apply is to use knowledge and understanding in a familiar or unfamiliar situation. When applying knowledge and understanding, it often helps to recall previous experiences in which a method, theory or formula was useful. For example, a student who has learnt how to find the volume of a shape in theory could use this knowledge to calculate how many litres that the school's rainwater tank could hold.

A process of applying may include:

- determining the situation
- identifying the knowledge or procedures that can be used
- using understanding or adapting the information for the situation.

Apply as a cognition

Cognitive verbs are categorised using Marzano & Kendall's four elements of the cognitive system: retrieval, comprehension, analysis and knowledge utilisation (2007).

The cognitive verb apply is part of the analysis element of cognitive process. This element involves the 'generation of new information not already possessed by the individual' (p. 44).

Apply in the Australian Curriculum Version 9.0

The cognitive verb apply appears in various achievement standards (AS) and/or content descriptions (CD) in the Australian Curriculum. The following table shows the use of apply across the Australian Curriculum in Prep–Year 6.

Apply in the Prep–Year 6 Australian Curriculum AS and CD							
	English	Health and Physical Education	P–6 HASS	Mathematics	Science	Technologies	
						Technologies	Design and Technologies
Prep		AS					
Year 1		AS CD					
Year 2		AS CD		AS CD			
Year 3	CD	AS CD		AS CD			
Year 4	CD	AS CD		CD			
Year 5		AS CD		AS CD		CD	AS CD
Year 6		AS CD		CD		CD	AS CD

Apply in the Prep–Year 6 Australian Curriculum AS and CD													
	Languages							The Arts					
	Chinese	French	German	Indonesian	Italian	Japanese	Spanish	The Arts	Dance	Drama	Media Arts	Music	Visual Arts
Prep													
Years 1–2													
Years 3–4													
Years 5–6	AS CD	AS CD	AS CD	AS CD	AS CD	AS CD	AS CD						

Learning area/subject examples include, but are not limited to:

Year/s	Learning area/subject	AS	CD
Prep	Health and Physical Education	Students apply fundamental movement skills to manipulate objects and space in a range of movement situations.	
Year 2	Mathematics	Students order and represent numbers to at least 1000, apply knowledge of place value to partition, rearrange and rename two- and three-digit numbers in terms of their parts, and regroup partitioned numbers to assist in calculations.	recall and demonstrate proficiency with addition facts to 20; extend and apply facts to develop related subtraction facts AC9M2A02
Years 3–4	Health and Physical Education	Students refine and modify movement skills and apply movement concepts across a range of situations.	investigate different sources and types of health information and how these apply to their own and others' health choices AC9HP6P09
Year 4	English		understand how to use and apply phonological and morphological knowledge to read and write multisyllabic words with more complex letter combinations, including a variety of vowel sounds and known prefixes and suffixes AC9E4LY09
Years 5–6	Languages: Chinese	Students apply rules for pronunciation and intonation, writing, character formation, punctuation and modelled structures, when creating and responding in Chinese.	apply knowledge of tone-syllables, intonation, stress and phrasing to develop fluency and pronunciation to known words and phrases

References

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

More information

This information sheet is part of a suite of resources to support teachers in the explicit teaching and assessment of students' thinking. The suite of resources includes categories of common cognitive verbs, cognitive verb overviews and a cognitive verb toolkit with information sheets, posters and graphic organisers.

If you would like more information, please visit the QCAA website www.qcaa.qld.edu.au and search for 'cognitive verbs'. Alternatively, the suite of resources can be found here: www.qcaa.qld.edu.au/p-10/aciq/version-9/cognitive-verbs-in-version-9.0.



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