

Apply

Years 7–10 cognitive verb toolkit

What is applying?

To apply is to use knowledge and understanding in a situation, whether familiar or unfamiliar. 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 perimeter of a shape in theory could apply this knowledge to calculate the materials needed to install a fence.

This term is described in the notes section of the standard elaborations:

Term	Description
apply	use or employ in a particular situation

Cognitive verb use in the Australian Curriculum

The cognitive verb apply appears in various learning area achievement standards and content descriptions in the Australian Curriculum. The table below shows the use of apply across the whole Australian Curriculum.

Apply in the Australian Curriculum achievement standards (AS) and content descriptions (CD)																
Year level	English	Health and Physical Education	HASS	History	Geography	Civics and Citizenship	Economics and Business	Mathematics	Science	Design and Technologies	Digital Technologies	Dance	Drama	Media Arts	Music	Visual Arts
Year 7		AS CD	CD		CD		AS CD	CD		AS		AS CD	AS		AS	AS
Year 8	CD	AS CD			CD		AS CD	AS CD	AS	AS		AS CD	AS		AS	AS
Year 9	CD	AS CD			CD		AS CD	AS CD	AS	AS CD	CD			AS	CD	
Year 10		AS CD			CD		AS CD	AS CD	AS	AS CD	CD			AS	CD	

Cognitive process

The cognitive verb **apply** is part of the analysis category of cognitive process.

Cognitive skills to help apply are: <ul style="list-style-type: none">• determine• identify• use.	Cognitive skills that follow apply are: <ul style="list-style-type: none">• appraise• evaluate• justify.
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Learning area/subject examples include, but are not limited to:

Year level	Learning area	Achievement standard	Content description
Year 7 and 8	Health and Physical Education	Students apply personal and social skills to establish and maintain respectful relationships and promote safety, fair play and inclusivity.	Practise and apply personal and social skills when undertaking a range of roles in physical activities (ACPMP086)
Year 8	Economics and Business		Apply economics and business knowledge, skills and concepts in familiar and new situations (ACHES036)
Year 9	Mathematics	Students apply the index laws to numbers and express numbers in scientific notation.	Apply trigonometry to solve right-angled triangle problems (ACMMG224)
Year 9 and 10	Design and Technologies	Students independently and collaboratively apply sequenced production and management plans when producing designed solutions, making adjustments to plans when necessary.	Develop, modify and communicate design ideas by applying design thinking, creativity, innovation and enterprise skills of increasing sophistication (ACTDEP049)

More information

This factsheet is part of a suite of resources to support teachers in the explicit teaching and assessment of students' thinking. The suite of resources includes cognitive verb overviews, cognitive verb year-level overviews and categories of common cognitive verbs. The cognitive verbs are categorised using Marzano and Kendall's (2007) four levels of cognitive process: retrieval, comprehension, analysis and knowledge utilisation.

The suite of resources can be found here: www.qcaa.qld.edu.au/p-10/aciq/frequently-used-resources/cognitive-verbs/years-7-10-cognitive-verb-toolkit.

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



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