

Analyse

Years 7–10 cognitive verb toolkit

What is analysing?

To analyse is to find meaning within information given through text, numerical data, images and other auditory or visual stimulus. It involves pulling ideas and objects apart, looking closely at the elements or features and then reorganising the ideas by similarities and differences, patterns and relationships.

To analyse information to identify a point of view allows us to discuss a point of view on a topic with evidence. For example, analysing trends in data over time shows patterns and relationships in that data that can be used to draw conclusions.

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

Term	Description
analyse	consider in detail for the purpose of finding meaning or relationships, and identifying patterns, similarities and differences

Cognitive verb use in the Australian Curriculum

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

Analyse 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	AS CD	AS CD		AS	AS CD		CD	AS CD	CD	AS CD	AS CD	AS CD	AS CD	AS CD	AS CD
Year 8	CD	AS CD		AS	AS	AS CD			AS CD	CD	AS CD	AS CD	AS CD	AS CD	AS CD	AS CD
Year 9	AS CD	AS CD		AS CD	AS CD	AS	AS CD		AS CD	CD	CD	AS CD	AS CD	AS CD	AS CD	AS CD
Year 10	AS CD	AS CD		AS CD	AS CD	AS	AS CD		AS CD	CD	CD	AS CD	AS CD	AS CD	AS CD	AS CD

Cognitive process

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

Cognitive skills to help analyse are: <ul style="list-style-type: none"> • identify • find • explain. 	Cognitive skills that follow analyse are: <ul style="list-style-type: none"> • interpret • evaluate • justify.
--	---

Subject-specific examples include, but are not limited to:

Year level	Learning area	Achievement standard	Content description
Year 7	Science	Students analyse how the sustainable use of resources depends on the way they are formed and cycle through Earth systems.	Construct and use a range of representations, including graphs, keys and models to represent and analyse patterns or relationships in data using digital technologies as appropriate (ACSIS129)
Year 7 and 8	Visual Arts	Students identify and analyse how other artists use visual conventions and viewpoints to communicate ideas and apply this knowledge in their art making.	Analyse how artists use visual conventions in artworks (ACAVAR123)
Year 9	English	Students analyse and explain how images, vocabulary choices and language features distinguish the work of individual authors.	Analyse text structures and language features of literary texts, and make relevant comparisons with other texts (ACELT1772)
Year 9 and 10	Health and Physical Education	Students analyse the impact attitudes and beliefs about diversity have on community connection and wellbeing.	Critically analyse and apply health information from a range of sources to health decisions and situations (ACPPS095)

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.



© State of Queensland (QCAA) 2020

Licence: <https://creativecommons.org/licenses/by/4.0> | **Copyright notice:** www.qcaa.qld.edu.au/copyright — lists the full terms and conditions, which specify certain exceptions to the licence. |

Attribution: '© State of Queensland (QCAA) 2020' — please include the link to our copyright notice.