

Achievement Standard

Subject Reference Science 1.4

Title Demonstrate understanding of science-related claims in communicated information

Level 1 **Credits** 5 **Assessment** External

Subfield Science

Domain Science – Core

Status Approved **Status date** December 2023

Planned review date December 2028 **Date version published** December 2023

Purpose Statement

Students are able to demonstrate understanding of science-related claims in communicated information.

Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> Demonstrate understanding of science-related claims in communicated information 	<ul style="list-style-type: none"> Explain science-related claims in communicated information 	<ul style="list-style-type: none"> Examine science-related claims in communicated information

Explanatory Notes

- 1 *Demonstrate understanding of science-related claims in communicated information* involves:
- describing the source and intended purpose of the communicated information
 - describing science-related claims in communicated information
 - describing science language or conventions used in the communicated information.

Explain science-related claims in communicated information involves:

- explaining how science language or conventions are used to support science-related claims in the communicated information.

Examine science-related claims in communicated information involves:

- evaluating the use of science language or conventions used to support science-related claims in the communicated information.

- 2 *Science-related claims* use scientific evidence to justify a conclusion.
 - 3 *Communicated information* is information from any channel, source, or media such as conversations with people, radio shows, published research, advertising, and online content.
 - 4 The *source* refers to the person, persons, or organisation who created, or commissioned the creation of, the communicated information.
 - 5 Refer to the NCEA [glossary](#) for Māori, Pacific, and further subject-specific terms and concepts.
 - 6 This achievement standard is derived from the Science Learning Area at Level 6 of *The New Zealand Curriculum: Learning Media*, Ministry of Education, 2007.
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Replacement Information

This achievement standard and AS91920-AS91922 replaced AS90940-AS90955.

Quality Assurance

- 1 Schools and institutions must have been granted consent to assess by NZQA before they can register credits from assessment against achievement standards.
- 2 Schools and institutions with consent to assess must engage with the moderation system that applies to those achievement standards.

Consent and Moderation Requirements (CMR) reference 0233
