

## Achievement Standard

<b>Subject Reference</b>	Science 1.4		
<b>Title</b>	Demonstrate understanding of science claims in communicated information using māramatanga		
<b>Level</b>	1	<b>Credits</b>	5
		<b>Assessment</b>	External
<b>Subfield</b>	Science		
<b>Domain</b>	Science - Core		
<b>Status</b>	Registered	<b>Status date</b>	3 December 2021
<b>Planned review date</b>	31 December 2022	<b>Date version published</b>	14 December 2021

Students will demonstrate understanding of science claims in communicated information using māramatanga.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Demonstrate understanding of science claims in communicated information using māramatanga</li> </ul>	<ul style="list-style-type: none"> <li>Interpret science claims in communicated information using māramatanga</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate science claims in communicated information using māramatanga</li> </ul>

### Explanatory Notes

- 1 *Demonstrate understanding of science claims in communicated information using māramatanga* involves:
- identifying science claims in communicated information
  - identifying the use of science language or conventions in the communicated information
  - outlining how māramatanga is used to validate scientific claims in communicated information.
- Interpret science claims in communicated information using māramatanga* involves:
- explaining how science language or conventions are used in the communicated information
  - using māramatanga to draw conclusions about the science claims
  - making judgements about the credibility of the source of the communicated information.

*Evaluate science claims in communicated information using māramatanga* involves:

- discussing the use of science language and conventions in the communicated information
- using māramatanga to discuss a conclusion about the science claims.

2 *Māramatanga* means enlightenment or insight. In this achievement standard, māramatanga means the insight or understanding that a student draws on to support their conclusions about the science claims made in the communicated information.

3 *Communicated information* is information from any channel, source, or media such as conversations with people, radio shows, published research, and online content.

4 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.

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### 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

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