

## Achievement Standard

**Subject Reference** Geography 1.2

**Title** Explore an environment using data

**Level** 1      **Credits** 5      **Assessment** Internal

**Subfield** Social Science Studies

**Domain** Geography

**Status** Approved      **Status date** December 2023

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

### Purpose Statement

Students are able to explore an environment using data.

### Achievement Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<ul style="list-style-type: none"> <li>Explore an environment using data</li> </ul>	<ul style="list-style-type: none"> <li>Interpret an environment using data</li> </ul>	<ul style="list-style-type: none"> <li>Analyse an environment using data</li> </ul>

### Explanatory Notes

- 1 *Explore an environment using data* involves:
- describing findings about an environment, using presented data
  - describing how the data can strengthen or limit understanding of the environment.

*Interpret an environment using data* involves:

- explaining findings about the environment, using presented data
- explaining how the data can strengthen and limit understanding of the environment.

*Analyse an environment using data* involves:

- drawing a valid conclusion about the environment, using findings
- discussing how additional data could be used to improve understanding of the environment.

- 2 An *environment* refers to a particular geographic area within te taiao that has its own characteristics.

Examples include:

- awa
- local public space
- orchard.

- 3 *Data* includes primary sources, secondary sources, and can be qualitative and quantitative.

Examples include:

- kōrero tuku iho
- measurements
- observations.

For the purpose of this achievement standard, *presented data* refers to visuals processed from data and generated by the student, using appropriate techniques and methods.

Examples include:

- annotated maps
- annotated photographs
- graphs
- diagrams.

- 4 *Findings* are the student's understanding about an environment that is found and drawn from the processed data.
- 5 Refer to the NCEA [glossary](#) for Māori, Pacific, and further subject-specific terms and concepts.
- 6 This achievement standard is derived from the Social Sciences Learning Area at Level 6 of *The New Zealand Curriculum*: Learning Media, Ministry of Education, 2007.

---

## Replacement Information

This achievement standard, AS91932, AS91934, and AS91935 replaced AS91007-AS91014.

---

**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

---