**Solo taxonomy rubric**

Seabed mapping

**Field trip:** *What lies beneath? Discovering the secrets of our seabed*

This assessment aims to highlight ākonga understanding as they engage in activities and discussions related to seafloor mapping and its real-world applications.

Tailor discussions and activities to align with your learners’ needs, teaching objectives, and local considerations, ensuring a focus on understanding our seafloor. Adapt as needed.

**Level 1: Prestructural**

* Yet to exhibit an understanding of the value of seabed mapping and the application of hydrographic data.
* Yet to identify fundamental concepts related to seabed mapping and data application.

**Level 2: Unistructural**

* Grasps one or two key concepts related to seabed mapping and data application.
* Identifies some elements but has yet to develop a deep understanding.

**Level 3: Multistructural**

* Exhibits an understanding of several key concepts related to the value of seabed mapping and data application as explored in the field trip.
* Describes the significance of these concepts but may need further development in understanding their connections.

**Level 4: Relational**

* Displays a robust understanding of seabed mapping and data application, successfully connecting various concepts explored during the field trip.
* Discusses the interrelationships between different elements, draw conclusions, and recognise the importance of key concepts

**Level 5: Extended Abstract**

* Demonstrates a sophisticated understanding of seabed mapping and data application, synthesising complex information and critically thinking about the topic.
* Applies knowledge to real-world situations and reflects on the broader implications of seabed mapping.