

TRANSDISCIPLINARY SCIENCE Level 2

Common Assessment Task

Work Requirements:

Module 2: Work requirement 2 of 2: Conduct, monitor and refine

- Quad chart (partial) referring to:
 - the results
 - the conclusions so far with reference to scientific disciplines applied

Assessment Type:

Investigation

Criteria being assessed

- Criterion 2 - element 3
- Criterion 3 - element 4
- Criterion 4 - all elements

Suggested conditions:

- This task should take no more than 2.5 hours.
- Emphasis is on conveying maximum amount of information with fewest number of words.
- Must be submitted electronically.
- This task requires an individual response by each learner.

Task Description:

This task represents only a component of the second Work requirement from Module 2.

It is expected that the other elements of the quad chart will have already been completed:

- the finalised inquiry question
- the method.

For this task you will need to complete quad chart sections for:

- results
- conclusions so far with reference to scientific disciplines applied.

This quad chart is designed as a point-in-time document that:

- can be referred to in a live or recorded presentation
- will inform a detailed plan to be created for Module 3, including:

- time allocated for analysis, evaluation and communication
- a summary of relationships with the local, national and global context so far.

What you need to do:

For this task use one A4 page for each of the two quad chart sections to explain your:

- results
- conclusions.

The results:

- Use data to demonstrate what has been established so far.
- Make sure the data is clearly presented and labelled including:
 - a title, axes and units
 - clear communication of concepts
 - demonstration of the reliability of data and information
 - an explanation of all other information required to understand the figure.
- Use diagrams and/or images to convey understanding where possible to highlight important information.
- Provide a summary of other information required to understand each chart, diagram or image.
- Ensure the sources of data and information are clearly listed.

The conclusions:

- Use diagrams and/or images wherever possible to illustrate conclusions and links to science concepts.
- Highlight where issues have occurred and possible reasons for them.

Teacher use only - What needs to be submitted for assessment?

Learners will complete two A4 quad chart sections – one for results and one for conclusions.