

Year 8 Science assessment task exemplar

Unit: How melting land ice is causing sea level rise

Task: Written explanation: *Explanation of the causes and effect of melting land ice*

Assessment conditions: Draft due: _____ Final due: _____

Relevant aspects of the Australian Curriculum

Physical science descriptors

Properties of the different states of matter can be explained in terms of the motion and arrangement of particles (ACSSU151)

Achievement standards

By the end of Year 8, students compare physical and chemical changes and use the particle model to explain and predict the properties and behaviours of substances.

Task-specific criteria	Comment
<p>Research 20% Provides evidence of three sources of information, with at least one video, and one web page or written source.</p> <p>Notes 30% Includes notes recorded as dot points in the notes template provided. (This includes references.)</p> <p>Writing 40% Writes an explanation using the writing template provided. Marks will be given for:</p> <ul style="list-style-type: none"> • appropriate headings • the use of words to show cause and effect (e.g. leads to, due to, because, consequently, this has resulted in) • scientific terms (e.g. anthropogenic or human-induced, and terms related to land ice) • at least one number fact about the ice melt. • mentioning the change in the state of water • at least three references (cut and paste from notes is acceptable) <p>Images and diagrams 10% The explanation should include one diagram or photograph. This may be cut and pasted from a website, as long as the student can explain it orally.</p>	