Communicating an applied technology solution

Key skills | Free preview

Learning target: Document the technological solution process and communicate its formulation, solution and interpretation.

A reproducible report records the model, inputs, operations, settings and outputs, then explains how the result was checked and interpreted. Describe the essential reasoning rather than only listing button presses. The reader should be able to reconstruct the computation and judge its precision, assumptions and suitability for the contextual question.

Try the mathematics

Task 1. Write a reproducible technology report for the pump analysis, including inputs, selected operations, exact/numerical outputs, checks, units and a limitation.

Continue with the full worksheet

The complete resource has 2 focused task sets and substantive worked solutions. Use an exercise book or print the A4 worksheet. This preview shows the first task without its full solution.

Find this resource: https://resources.aspiretopowerlearning.com.au/vce/skills/aspire-mm-u34-o3-ks-13/

Study-design reference

VCE Mathematics Study Design 2023-2027, version 1.1 (November 2022). Mathematical Methods; Units 3–4; Outcome 3; Key skills; bullet 13; p. 104.

The learning target is a concise paraphrase. Aspire reference: aspire-mm-u34-o3-ks-13. This is an internal identifier, not an official VCAA code.

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