Communicating a mathematical investigation

Key skills | Free preview

Learning target: Explain results and conclusions in mathematical notation and accessible language, interpreting them in context.

A useful mathematical report connects the formulation, calculation and contextual interpretation. Include the quantities and units needed to understand the result, and explain why it answers the question. State a material assumption or limitation without obscuring the main finding. A reader should be able to assess the recommendation without reconstructing the entire investigation.

Try the mathematics

Task 1. Prepare a short production report containing counts, rate, interval, interpretation and sampling caveat.

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-o2-ks-07/

Study-design reference

VCE Mathematics Study Design 2023-2027, version 1.1 (November 2022). Mathematical Methods; Units 3–4; Outcome 2; Key skills; bullet 7; p. 103.

The learning target is a concise paraphrase. Aspire reference: aspire-mm-u34-o2-ks-07. This is an internal identifier, not an official VCAA code.

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