

Grade 12 Performance Task

Bounded Evidence Portfolio

All cards are original fictional paper models. This task does not direct data collection, experimentation, device use, intervention, recommendation, or a real-world decision. Total points: 16.

Card P. In a fictional model, labeled condition X has response Y values 4.0, 5.1, and 5.8 units at X=1, 2, and 3; each response has ± 0.2 units. **Card Q.** A fictional source says this pattern proves X causes Y everywhere.

1. Write a bounded question that Card P can address. Name a variable, response, and boundary. [3 pts]

2. Calculate total Y change and average change per X step. State units. [3 pts]

3. Describe a text-accessible graph specification for P: title, axes, units, uncertainty, and one non-color-only feature. [3 pts]

4. Critique Card Q with two evidence limits and one excluded conclusion. [3 pts]

5. Write a claim-evidence-reasoning conclusion that uses P, includes uncertainty, and refuses a recommendation or real-world action. [4 pts]
