

Education Scotland

Higher Physical Education

Exploring the learning and teaching behind the answers

Tuesday 11th November 2025

For Scotland's learners, with Scotland's educators
Do luchd-ionnsachaidh na h-Alba, le luchd-foghlaim Alba

Task 4

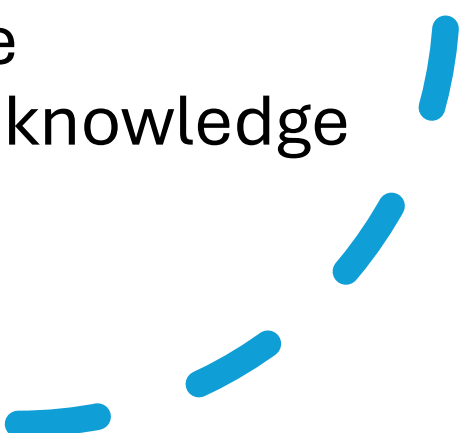


Provocation – How might the effectiveness of data collection methods be impacted by restricting them to just one activity and one factor, and what are the potential benefits of adopting a more holistic approach to gather richer insights?

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Summary of provocation discussion

The responses highlight that relying on a single data collection method within one activity and one factor can limit learners' understanding and ability to apply their knowledge effectively. A more holistic approach, using multiple methods—including the performance profiling wheel across all four factors—promotes both breadth and depth of learning. This enables learners to gain a comprehensive understanding and transfer their knowledge across different contexts.

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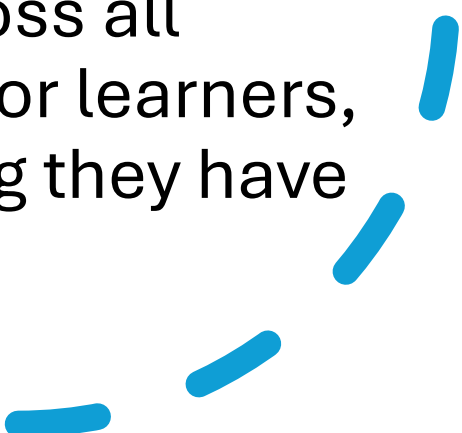
Key points
include:

Diverse Methods:

Incorporating various data collection methods allows learners to choose and apply the most suitable ones, enhancing their learning experience and flexibility during assessments.

Consistency:

Having a consistent method across all factors can provide a safety net for learners, particularly in exams, by ensuring they have familiar concepts to draw upon.





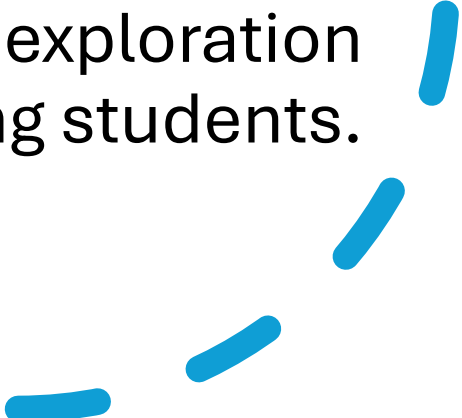
Key points
include:

In-Depth Insights:

A holistic approach fosters a more nuanced understanding of data collection, improving the overall quality of insights gathered.

Time Efficiency:

Using a broader method can be more time-efficient, allowing for a thorough exploration of the topic without overwhelming students.





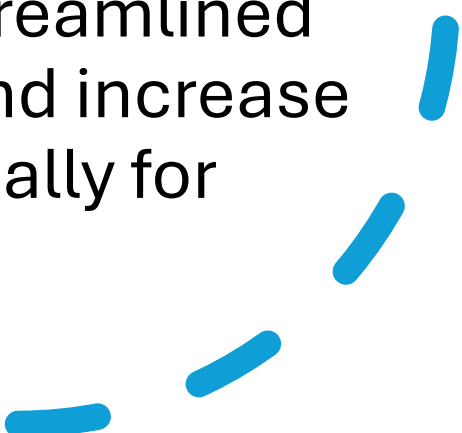
Key points
include:

Cross-Marking Opportunities:

Teaching multiple methods improves students' understanding of data collection, making them more adaptable and better equipped to handle different activities.

Balancing Breadth and Streamlining:

While a comprehensive approach may enhance real-world context, a streamlined method can reduce confusion and increase the likelihood of success, especially for those aiming for B/C grades.





Overall conclusion



In summary, a holistic approach to data collection not only enriches the learning experience but also equips learners with the necessary skills and confidence to succeed in assessments.