## **Decision Making and Communication**

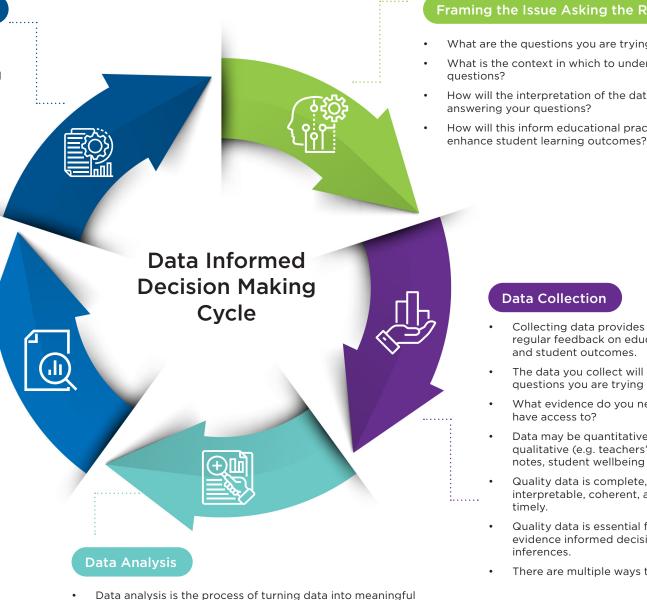
- . Quality data analysis and interpretation enables evidenced informed decision making.
- Assess results of analysis against your original guestions. What needs to happen next?
- How will you change your practice to reflect ٠ what you have learned?
- What will you do to ensure that progress is • made?
- Data sometimes raises more questions than • it answers. Therefore the data informed decision making cycle can be an ongoing process.
- Repeat, refine, adapt, adjust based on ٠ findings.

## **Data Interpretation**

- Translate the results of data analysis into usable information and implement actions based on contextual knowledge.
- ٠ Think about what you have learned from the analysis, what it means and what is important in your context.
- Take the time to carefully consider ٠ the whole picture. Avoid making quick conclusions based on brief data analysis,
- Take care not to over interpret the ٠ evidence.
- Consider your findings compared with other relevant research and evidence.



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- information. This involves determining the appropriate analytical techniques to use.
- You do not need to be a statistician to effectively analyse vour data.
- Remember, data analysis is an ongoing process.

## Framing the Issue Asking the Right Questions

- What are the questions you are trying to answer?
- What is the context in which to understand these
- How will the interpretation of the data be used in
- How will this inform educational practice and enhance student learning outcomes?

- Collecting data provides evidence for regular feedback on educational practice
- The data you collect will depend on the questions you are trying to answer.
- What evidence do you need to collect or
- Data may be quantitative (e.g. scores) or qualitative (e.g. teachers' observational notes, student wellbeing data).
- Quality data is complete, accurate, interpretable, coherent, accessible and
- Quality data is essential for making evidence informed decisions and
- There are multiple ways to collect data.