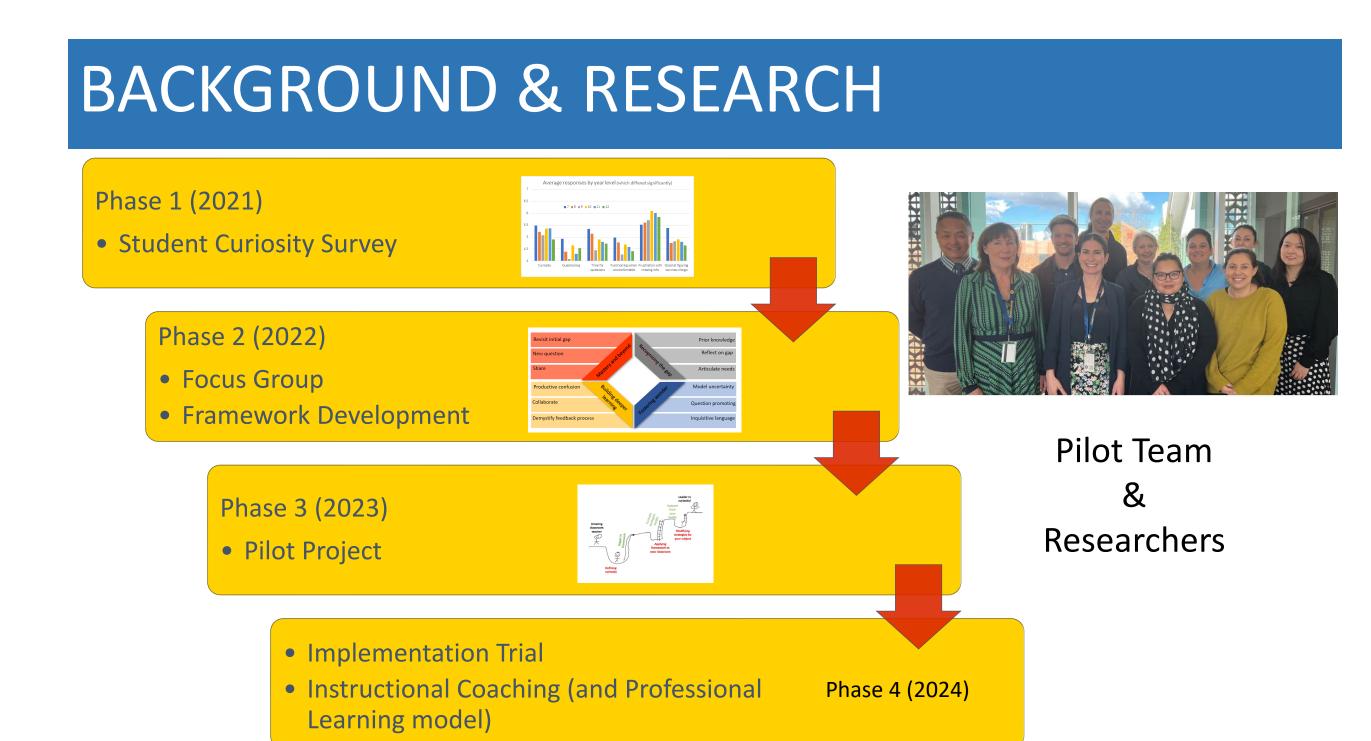
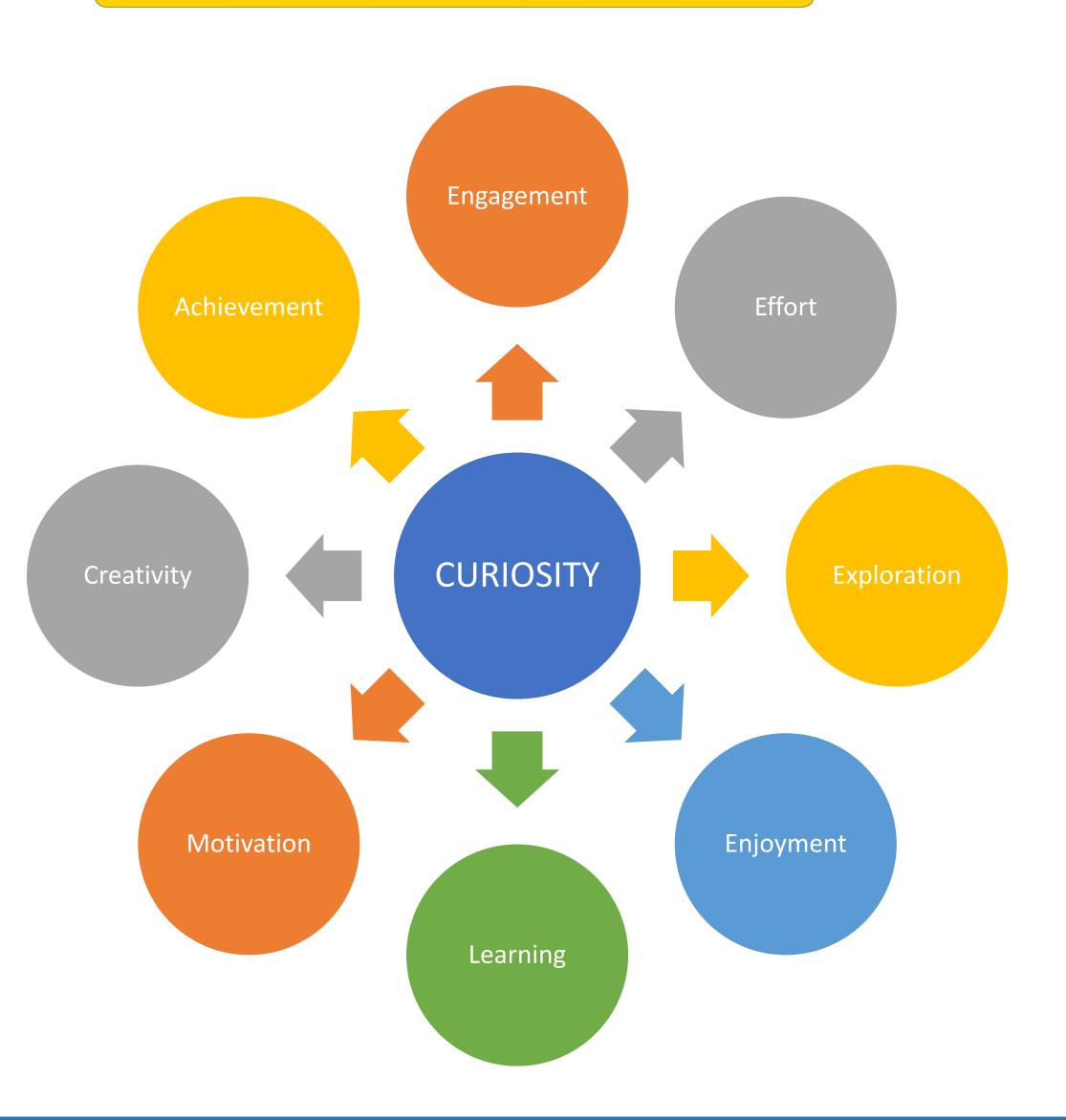


# Cultivating Curious Classrooms

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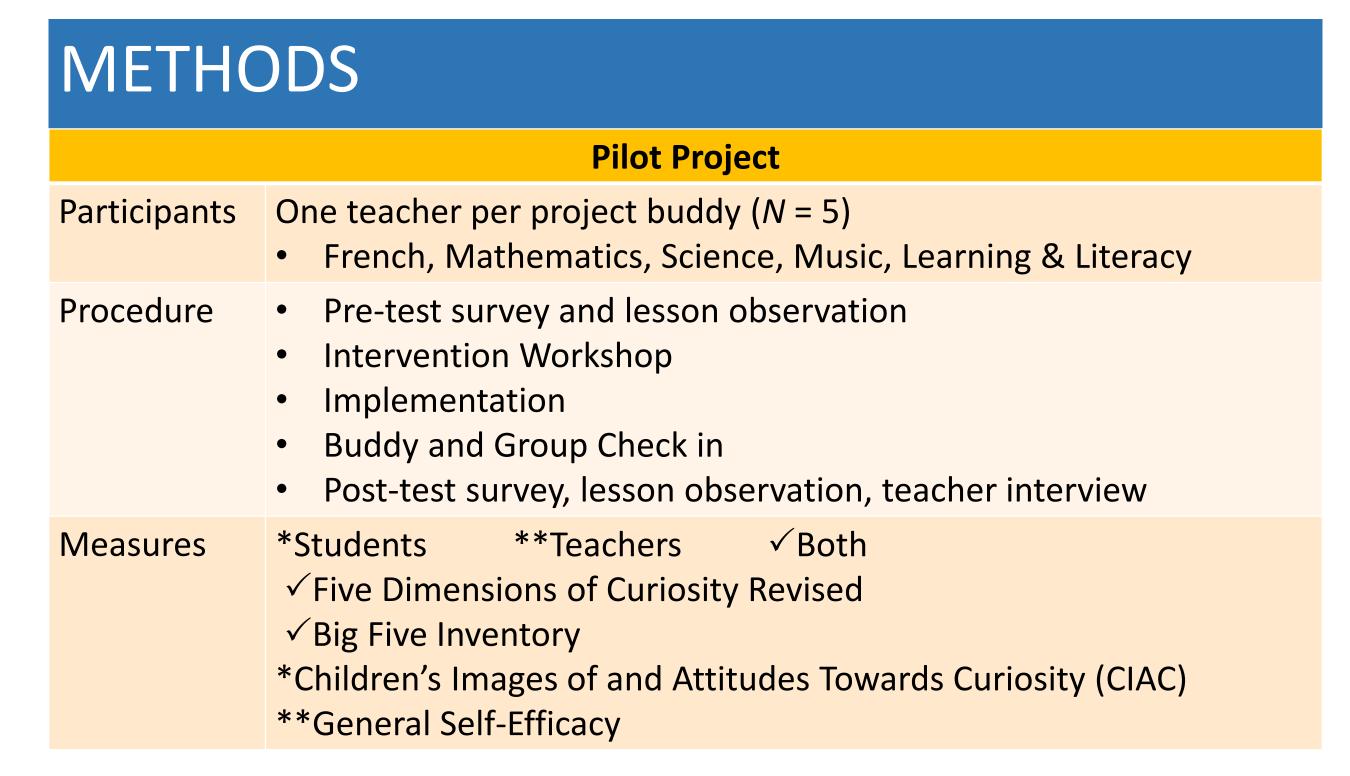


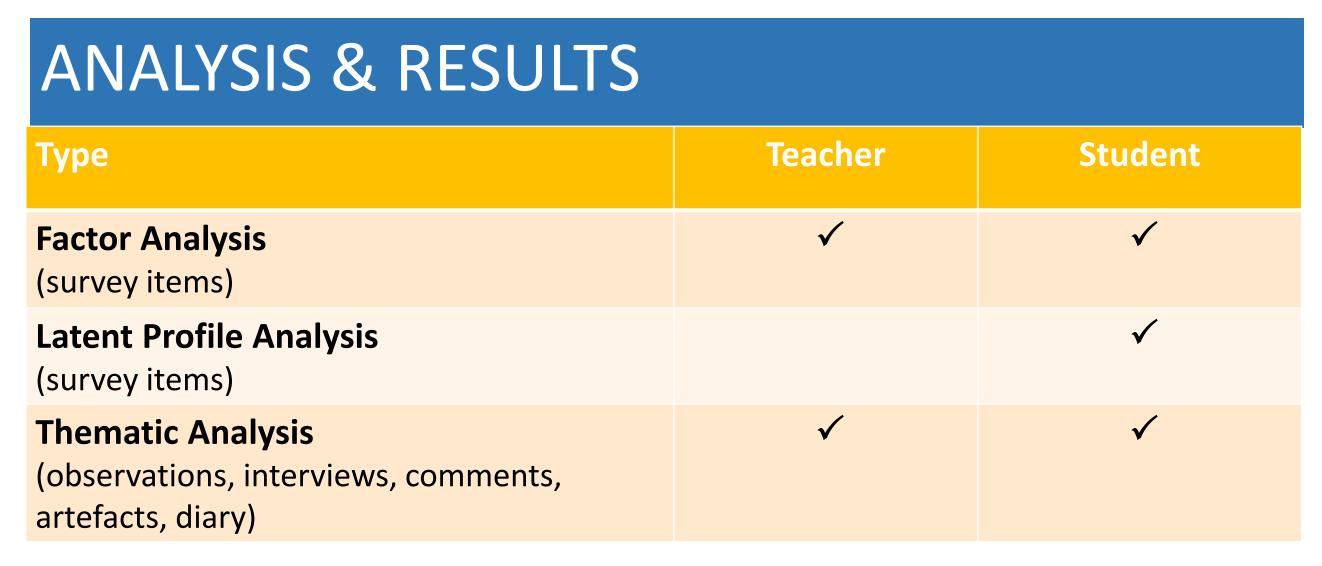
### RESEARCH QUESTIONS

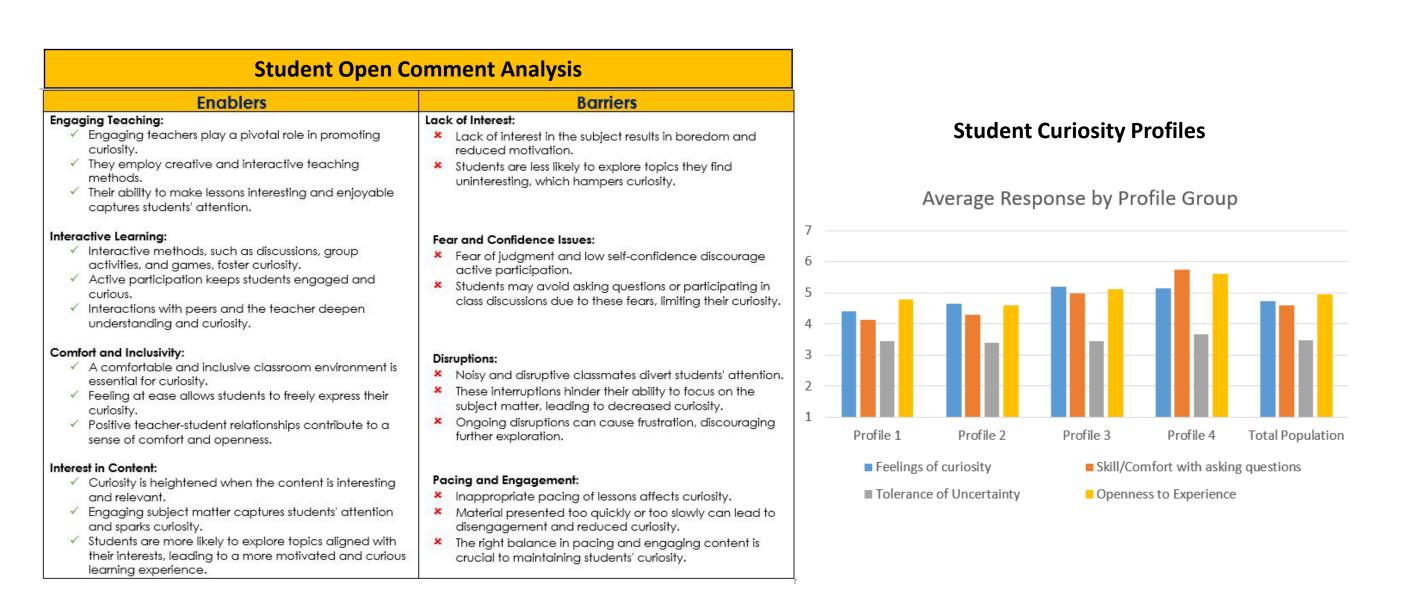
How does our curiosity framework work in the classroom?

What are the barriers and enablers to implementing the framework into the classroom?

What are the challenges that are evident or not evident that need to be addressed before scaling?



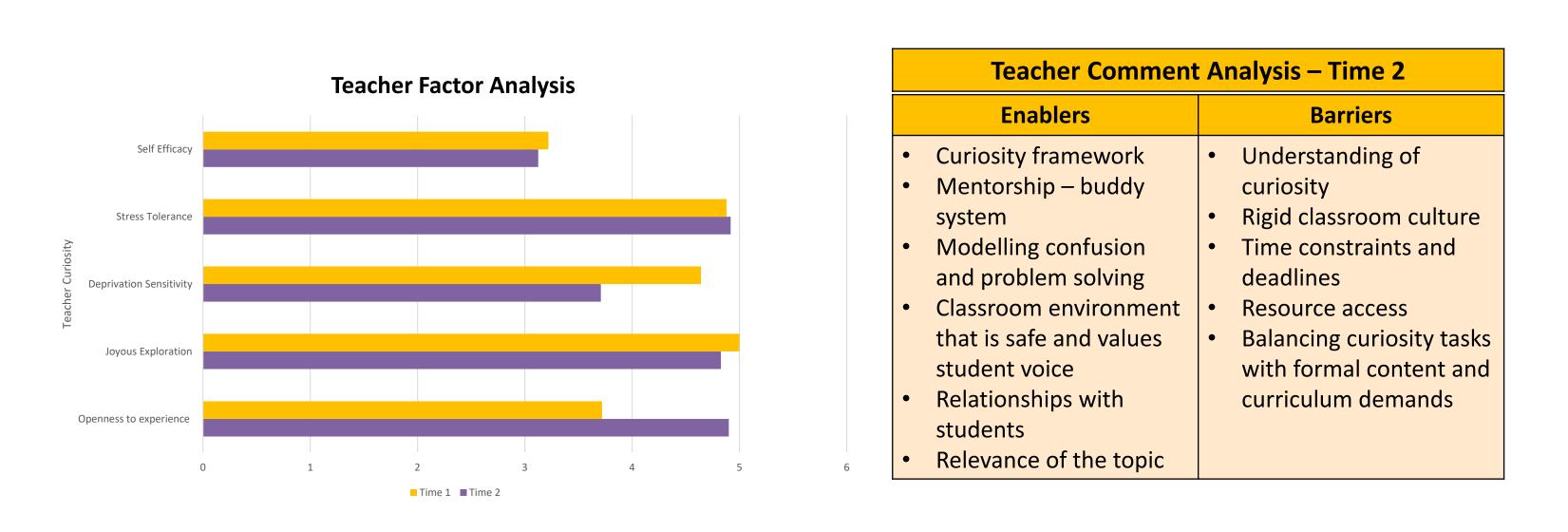


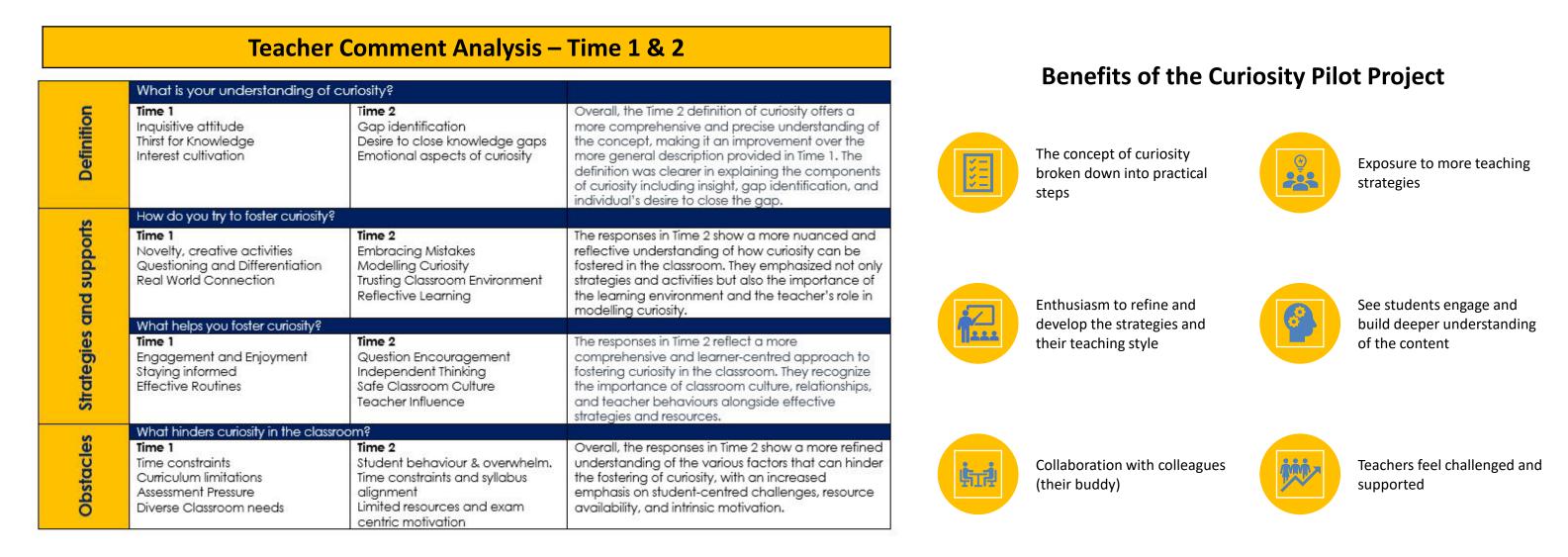


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Student Factor Analysis

# RESULTS (cont.)





### IMPLICATIONS FOR TEACHING & LEARNING

- We need to be mindful of both teacher and student tolerance of uncertainty.
- Teachers who are less 'deprivation sensitive' (feeling discomfort and annoyance with the knowledge gap) and who are more 'open to experience' may be better able to cultivate feelings and behaviours of curiosity in the classroom.
- > Students value a supportive inclusive environment where they can take risks and have opportunities for social interaction and time and space to think, build depth in understanding and engage with the subject content (even if they are initially reluctant to do so)
- > Strategies from the framework provide ideas and structure for teachers and students, but it is the learning intention (principles) and teacher style (instructional influences) that seems to be as important to consider (more research required!)
- Having a buddy/mentor to bounce ideas and reflect on teaching, with the curiosity framework in mind, was appreciated by the pilot teachers and a key consider if scaling the project.

## KEY LEARNINGS

- ✓ The curiosity framework was associated with improvements in students' feelings of curiosity, comfort with asking questions, engagement and building deeper knowledge.
- ✓ No one likes uncertainty, but teachers need to embrace and model uncertainty to foster curiosity in the classroom.
- ✓ Principles + Strategies + Teaching Style = Cultivating Curiosity in the Classroom
- ✓ Having a buddy/mentor helps teachers feel more comfortable with uncertainty and taking risk with their teaching strategies and style.

Hidi, S. E., & Renninger, K. A. (2019). Interest Development and Its Relation to Curiosity: Needed Neuroscientific Research. Educational Psychology Review, 31(4), 833–852.

Kashdan, T. (2023, August 10). Navigating the Hidden Costs of Curiosity [Substack newsletter]. Provoked. https://toddkashdan.substack.com/p/navigating-the-hidden-costs-of-curiosity

Pekrun, R. (2019). The Murky Distinction Between Curiosity and Interest: State of the Art and Future Prospects. Educational Psychology Review. 31, 905–914