

ACU INSTITUTE FOR LEARNING SCIENCES & TEACHER EDUCATION

Where are we headed?

- What sort of conditions?
- Universal enablers
- Physical environment
- Task design considerations
- Teacher behaviours
- Dennis Denuto the vibe



Michael Cujes | Breakout 5 | Enablers Symposium, May 2021





or



 The Mathematical Modelling Cycle

 Image: Comparison of the seal/Maths Links
 Maths World

 Image: Comparison of the seal/Maths Links
 Maths Model

 Image: Comparison of the seal/Maths Links
 Maths Maths Maths

 Image: Comparison of the seal/Mathseal/Mathseal/Maths
 Maths Maths





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What is the check-in period for?

Avoiding misunderstandings leading to a wasted lesson!

VS



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Annie Spratt https://unsplash.com/photos/XyBeP4K9Vzs

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Form



Physical environment – technology enhanced

Enablers and benefits:

- Shared documents
- Graphing tools
- Better shared understanding of the model and its development
- Increased checking in and communication

Challenges:Forgetting the modelling cycle!

- Technology barriers
- Often skip forming an initial model

 boundary values



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