The Development of a Maths Toolkit for Physicists

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Background

• Traditionally our students have encountered difficulty with the expansion of the mathematics syllabus
• The hierarchical nature of mathematics limits options if the fundamentals are not well understood
• Students are reticent to ask for help with maths in reverse correlation to its difficulty
• Students often encounter difficulty in putting maths in practice
The project

- To develop a bespoke tool to support students struggling with the maths content
- To investigate how students engage with revision materials
- To support student researchers to develop skills in PER
Aims

To be easily accessible

To be bounded

To provided resources for different approaches to learning
Next Steps

- Continue researching student opinions
- Expand to other areas of maths
- Increase the interactivity
Thank you

Questions?