

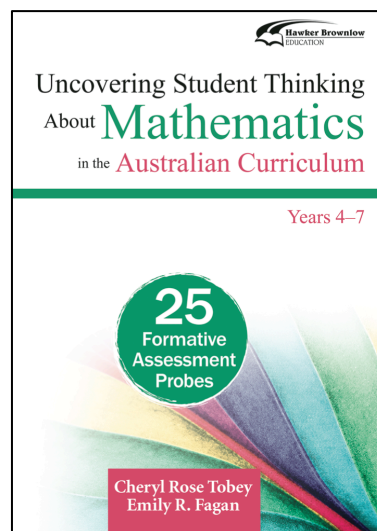
Uncovering Student Thinking About Mathematics in the Australian Curriculum, Years 4–7: 25 Formative Assessment Probes

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Key Learning

Area: Mathematics



Summary

Expertly pinpoint and reverse your students' common maths difficulties with this must-have resource from bestselling authors Cheryl Rose Tobey and Emily R. Fagan. You'll find 25 research-based assessment probes designed specifically for Years 4–7 and the Australian Curriculum: Mathematics. Learn to ask the right questions to uncover just where your students get confused, and apply practical strategies to quickly get them back on track – while learning is already underway. It's all here in this detailed and time-saving guide.

Organised by strand, the probes will enable you to:

- quickly and objectively identify students' common difficulties
- systematically address conceptual misunderstandings and procedural mistakes – before they become long-term problems
- plan targeted instruction and remediation in multiplication and division, problem solving, the four operations, factorisation and more
- apply essential Australian Curriculum: Mathematics content descriptions and achievement standards for Years 4–7.

With the help of sample student responses, extensive Teacher Notes, reproducibles and research-based tips and resources, you'll quickly eliminate the guesswork and join thousand of busy teachers who've used these easy-to-implement tools to foster solid maths proficiency.

Supporting Resources

- *Using Rubrics to Assess Open-Ended Maths Tasks* (HB7175)
- *Mathematics Formative Assessment: 75 Practical Strategies for Linking Assessment, Instruction and Learning* (CO1128)
- *Using Formative Assessment to Differentiate Mathematics Instruction: Seven Practices to Maximise Learning* (CO1229)