

Differentiating Assessment in Middle Years and Secondary School Mathematics and Science

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DIFFERENTIATING ASSESSMENT
IN MIDDLE YEARS AND
SECONDARY SCHOOL
MATHEMATICS AND SCIENCE



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Summary:

Meet the needs of all of your students with this all-inclusive manual on assessing student readiness, interests, learning and thinking styles.

Differentiated assessment is the process of finding out in a fair way what each individual student knows, understands and can do (KUD), how they feel about what they have learned, and how they feel about themselves as learners. This book offers strategies to help you differentiate assessment for maths and science in your classroom. Included are three chapters of examples differentiated by readiness for at-risk, average, and gifted or highly advanced students, and a chapter that shows how to put several assessment strategies together in a differentiated unit of study.

Examples include:

- Pre-, Formative and Summative assessments
- Informal and formal assessments
- Oral and written assessments
- Project and performance assessments
- Highly structured and enrichment assessments for struggling to gifted students
- Assessment tools and rubrics

Supporting Resources:

- *Differentiating Formative Assessment for Maths and Science: Middle Years/ Secondary* (EYE9775)
- *Differentiated Instruction for P–8 Maths and Science: Ideas, Activities and Lesson Plans* (EYE9782)
- *Teaching, Learning and Assessment Together: Reflective Assessment Strategies for Middle Years and Secondary School Mathematics and Science* (EYE9850)
- *The Strategic Teacher: Selecting the Right Research-Based Strategy for Every Lesson* (107059)

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