

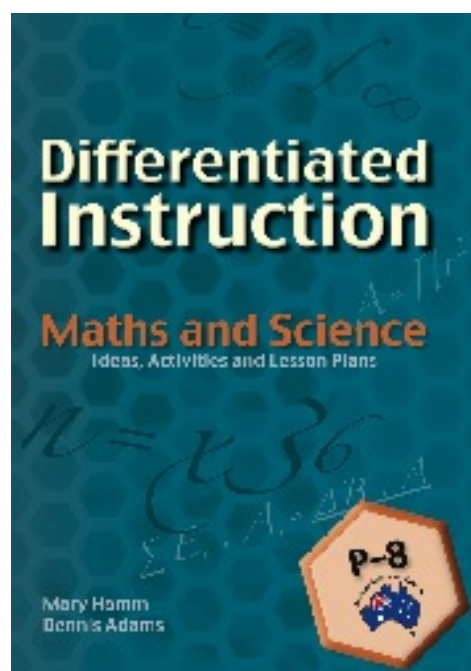
Hawker Brownlow Education

# Differentiated Instruction Maths & Science

Ideas, Activities and Lesson Plans

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**Format:** A4, 134 pages  
**Year Level:** P-8  
**Category:** Differentiated Instruction  
**Subject:** Maths and Science



## Summary:

*Differentiated Instruction for P-8 Maths and Science* is designed to help teachers create a more differentiated classroom that is open to all students. It builds on the expanding knowledge of what works in classrooms and suggests ways that differentiated learning can help transform mathematics and science instruction. Attention is focused on teaching methods, organisational approaches, student activities and lesson plans designed for involving students in quality mathematics and science.

This book offers practical recommendations to reach every student in a P-8 classroom. Included are maths and science games, activities, ideas and lesson plans. This book will help your students to develop positive attitudes and will raise competency in maths and science.

*Australian National Curriculum Maths Concepts covered within this book include:*

- Number and Algebra – place value, fractions and decimals, addition and subtraction, multiplication and division, algebra
- Geometry & Measurement – ratio, circumference, perimeter, area
- Statistics and Probability – chance, data representation and interpretation

*Science Concepts covered within this book include:*

- Physical science
- Earth science
- Life science
- Science and technology
- Inquiry

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## **Differentiation practices featured within this book include:**

- Multiple Intelligences
- Portfolios
- Learning centres
- Tiered lessons
- Collaborative learning groups

## **Supporting Resources:**

- *Differentiating by Readiness: Strategies and Lesson Plans for Tiered Instruction Years P–8* (EYE9805)
- *Differentiating by Student Interest: Strategies and Lesson Plans* (EYE9812)
- *Differentiating Assessment in Middle and High School Mathematics and Science* (EYE9973)
- *Differentiated Instruction for Maths: Activities Years 5–8* (WAL9522)