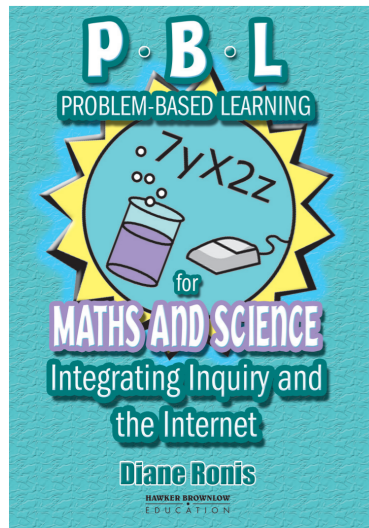


Hawker Brownlow Education
Information Sheet

***Problem-Based Learning for Maths and
Science: Integrating Inquiry and the Internet***

Author: Diane Ronis

Date available: 11 November 2005
ISBN: 1 74101 454 9
Code: PE4549
RRP: \$69.95
Format: 205 x 295 mm
Extent: 178 pp
Age range: Primary/Secondary School P - 12
Category: Internet Resources, Problem Solving,
Problem-Based Learning



Summary:

Problem-Based Learning for Maths and Science provides the ideal instructional tools for designing, implementing and evaluating problem-based learning experiences in the classroom. Diane Ronis offers specific, practical projects for the classroom and also provides detailed instructions on how to evaluate these projects, as well as, lead student self-evaluation, through the use of rubrics. She also explains how to make technology an integral part of the inquiry process in real-world problem solving. The final section of the book contains a listing of relevant organisations and Internet resources.

Key selling points:

- Provides guidelines for planning problem-based learning units for Maths and Science.
- Demonstrates how to evaluate and assess problem-based learning through rubrics and authentic assessment.
- Incorporates real life examples into learning.

Supporting resources:

- *How to Use Problem Based Learning in the Classroom* (197166)
- *Energizing Teacher Education and Professional Development with Problem-Based Learning* (101002)
- *Problems as Possibilities: Problem-Based Learning for K–16 Education, 2nd Edition* (101064)
- *Problem Based Learning in Study of Society* (HB05547)



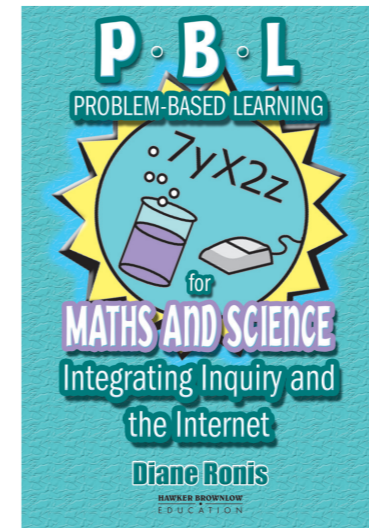
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