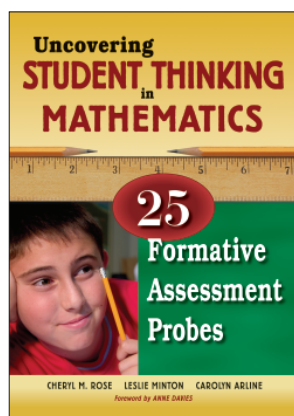


Hawker Brownlow Education

Uncovering Student Thinking in Mathematics

Authors: Cheryl Rose, Leslie Minton, Carolyn Arline



Date Available:	May 2008
ISBN:	1 74170 637 8
Code:	CO6378
RRP:	49.95
Format:	A4, 196 pages
Age Range:	P-12
Category:	Professional Development, Mathematics
Subject:	Mathematics

Summary:

Uncovering Student Thinking in Mathematics offers educators a powerful diagnostic technique in the form of field-tested assessment probes – brief, easily administered activities to determine students' thinking on core mathematical concepts.

Designed to question students' conceptual knowledge and reveal common understandings and misunderstandings, the probes generate targeted information for modifying mathematics instruction, allowing teachers to build on students' existing knowledge and individually address their identified difficulties. The book contains:

- 25 ready-to-use mathematical probes
- Teacher guides for implementing each probe at any year level
- Examples of typical obstacles and faulty thinking demonstrated by students.

Supporting Resources:

- CO7475 – Key Concept in Mathematics
- CO572X – Designing Assessment in Mathematics, Second Edition
- CO6416 – Problem-Solving Strategies for Efficient and Elegant Solutions
- PE4573 – Designing Rubrics For Mathematics



PO Box 8580
Heatherton VIC 3202
Tel: +61 3 8558 2444
Fax: +61 3 8558 2400
Web: www.hbe.com.au
Email: orders@hbe.com.au