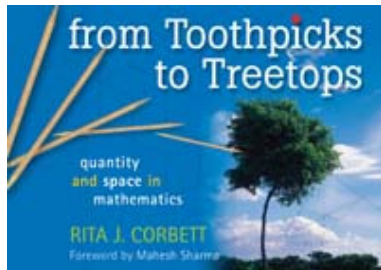


Hawker Brownlow Education

From Toothpicks to Treetops: Quantity and Space in Mathematics

Authors: Rita J. Corbett



Date Available: 11 January 2007
ISBN: 1 74101 713 0
Code: CO7130
RRP: \$45.95
Format: A4, spiral bound, soft cover, 270pp
Age Range: Prep to Year 9
Category: Problem Solving, Thinking Skills
Subject: Maths

Key Selling Points:

- Easy to read and follow chapter layouts
- Applies maths skills to the 'Real World'
- Encourages cooperative learning
- Clear student activities for Primary Levels and Middle Years
- Encourages students to use higher order thinking skills
- Useful teacher example figures visualising the each concept

Summary:

From Toothpicks to Treetops serves the needs of the maths whiz and the non-mathematically inclined alike by exploring and applying mathematical constructs to everyday situations. It outlines four ways students can begin to engage in problem solving: identification, comparison, combination and separation. Each method is used to reveal connections between mathematical thoughts, topics and applications. Activities are included at the end of each chapter to help students understand the relationship of mathematics and their surroundings. Expand students' mathematical thinking and increase their ability to communicate this thinking meaningfully in different areas of mathematics, including:

- Number Sense
- Operations
- Algebra
- Geometry
- Measurement
- Problem Solving

Supporting Resources:

Open-Ended Maths Tasks - HA1784
Differentiating Maths Instruction - CO7416
Integrating Thinking in Maths - INA8307
Key Concepts in Mathematics - CO7475
Brain Compatible Mathematics - 4330
Integrating Mathematics Across the Curriculum - 4940
Multiple Intelligences in the Mathematics Classroom - 4782



Hawker Brownlow
EDUCATION
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