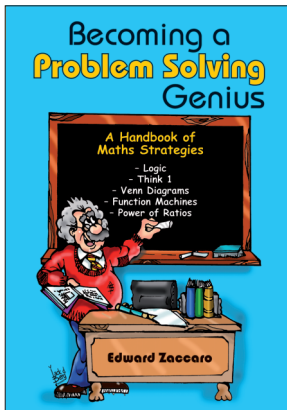


Becoming a Problem Solving Genius

Author: Edward Zaccaro



Date Available:	9 August 2010
ISBN:	978 1 74239 615 6
Code:	HGP6156
RRP:	\$65.00
Format:	A4, 328 pages
Age Range:	Years 4–12
Category:	Maths
Subject:	Thinking Resources for Maths

Summary:

Every maths student needs problem solving strategies to call upon when solving word problems. This book teaches fourteen problem solving techniques and strategies: Think 1, the 2-10 Method, Sometimes You Must Subtract, Draw a Picture, Venn Diagrams, Language of Algebra, Solving Equations, Solving Algebra Problems, Logic, The Power of Ratios, Function Machines, Don't be Fooled, Permutations and Understanding Bases. There are also maths contests for practice and competition.

Each strategy is clearly explained at the start of the chapter, and followed by practice problems organised by challenge level:

- Level 1 (easy)
- Level 2 (somewhat challenging)
- Level 3 (challenging)
- Einstein Level (very challenging)
- Super Einstein (extremely challenging)

This allows educators to meet the needs of varied learners, from struggling to gifted, across years four to twelve. The Einstein and Super Einstein levels are targeted at gifted students.

Supporting Resources:

- Mental Models for Maths Grades 6-12 (AHA8907)
- Response to Intervention in Maths (CO5098)
- Differentiating Maths Instruction, Second Edition (CO1106)
- Focus: Maths Class Set D: 30 Student, 6 Teacher + Software (CA11317)
- Focus: Maths Class Set H: 30 Student, 6 Teacher + Software (CA11321)



PO Box 580
Moorabin VIC 3189
Tel: +61 3 8558 2444
Fax: +61 3 8558 2400
Web: www.hbe.com.au
Email: orders@hbe.com.au