



## Teaching Secondary Mathematics: Techniques and Enrichment Units (8th Edition)

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Pearson, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PART I METHODS OF TEACHING SECONDARY MATHEMATICS Chapter 1 The Challenge of Teaching Chapter 2 Planning for Instruction Chapter 3 Teaching More Effective Lessons Chapter 4 The Role of Problem-Solving Chapter 5 Using Technology to Enhance Mathematics Instruction Chapter 6 Assessment Chapter 7 Enriching Mathematics Instruction Chapter 8 Extracurricular Activities in Mathematics PART II ENRICHMENT UNITS FOR THE SECONDARY SCHOOL CLASSROOM Cross-Catalogue of Enrichment Units Constructing Odd-Order Magic Squares Constructing Even-Order Magic Squares Introduction to Alphametics A Checkerboard Calculator The Game of Nim The Tower of Hanoi What Day of the Week Was It? Palindromic Numbers The Fascinating Number Nine Unusual Number Properties Enrichment with a Handheld Calculator Symmetric Multiplication Variations on a ThemeMultiplication Ancient Egyptian Arithmetic Napier's Rods Unit Pricing Successive Discounts and Increases Prime and Composite Factors of a Whole Number Prime Numeration System Repeating Decimal Expansions Peculiarities of Perfect Repeating Decimals Patterns in Mathematics Googol and Googolplex Mathematics of Life Insurance Geometric Dissections The Klein Bottle The Four-Color Map Problem Mathematics on a Bicycle Mathematics and Music Mathematics in Nature The Birthday Problem The Structure of the Number System Excursions in...



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