

Math Makes Sense

2

Ontario
Teacher Guide

Program Overview

Grade 2 Planning

Building a Math Community

Building Students' Capital

Unit 1: Sorting and Naming

Unit 2: Number Relationships

Unit 3: Skip, Skip-counting, and Money

Unit 4: Addition, Subtraction, and Estimation

Unit 5: Data Management and Probability

Unit 6: Measurement

Unit 7: Addition and Subtraction to 100

Unit 8: Spatial Measurement: Area and Perimeter

Unit 9: Fractions

Unit 10: Multiplication, Division, and Patterns

Unit 11: Review and Projects

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Carl A. Grant



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Western Canadian Teacher Guide Saundry, Carole,2005 Elementary School Mathematics John A. Van de Walle,1994
Elementary School Mathematics Teaching Developmentally Second Edition provides detailed comprehensive coverage of the teaching of mathematics in grades K 8 Firmly grounded in the NCTM Standards the text develops a constructivist developmental approach to learning mathematics that focuses on the nature of mathematical concepts and the manner in which children construct mathematical ideas It aims to help teachers reconceptualize mathematics as a problem solving endeavor not as a mastery of rules and procedures An accessible synthesis of viewpoints and current research this highly praised text includes topics ranging from the development of basic fact mastery to the important development of number sense All the while encouraging teachers to consider the construction of mathematics from the child s perspective In depth treatment of curriculum content teaching combined with hundreds of teaching activities aimed at conceptual development makes Elementary School Mathematics a practical teacher s resource as well as a college text Elementary School Mathematics Teaching Developmentally Second Edition features greater emphasis on the NCTM Curriculum Standards and the Professional Teaching Standards as the leading forces in mathematics education a new chapter on mathematics as a science of pattern and order a completely rewritten chapter on alternative assessment expanded and improved problem solving examples enhanced coverage of grades 7 and 8 even more black line masters with directions for making other useful materials and an Instructor s Manual with instructional suggestions activities for group homework practicum ideas and essay questions **Resources in Education** ,1997 *Math Makes Sense 1 [kit]*. Ontario Teacher Guide Spencer, Heather,2004
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