

## How does *Developmental Math* Work?

The *Developmental Mathematics* workbook series covers basic mathematics through early algebra and geometry. This program follows a mastery, not spiral, approach, with students only moving on once the skill is thoroughly learned.

Workbooks aren't grade-specific, but rather focus on individual skills which generally correspond to those learned in grades 1-9. As a "number learning" program, this program focuses on the foundations of arithmetic, and therefore does not cover all of the usual topics, leaving out elements such as time and units of measurement. A self-teaching curriculum designed to produce independent thinkers, this is an ideal curriculum for self-paced learners. Most students will complete approximately 3 levels per school year; *Developmental Mathematics* can be used as a program or as a supplement.

Lessons begin with an explanation of the concept and example problems that are solved step-by-step. A number of practice problems are provided on the following "Applications" pages. This progression from a physical model to an abstract significance helps students retain the "idea" behind the problem, which is solidified through the practice exercises.

Levels 1-9 have a student workbook and an educator's guide, which provides the answers and teacher information on how each level fits into the overall program.

Levels 10-16 have a student workbook and a solution manual that provides reproduced student pages with the correct answers overlaid in differently-colored ink—perfect for easy grading.

There currently are no educator's guides or answer keys for Levels 17-20.

Every level contains a diagnostic test that's designed to help parents assess their students' mastery of the material in the lesson.

### ***Developmental Math* workbook levels cover:**

Level 1	The Ones Place, Concepts and Symbols
Level 2	Addition and Basic Facts
Level 3	Subtraction and Basic Facts
Level 4	Concepts of Addition, Subtraction
Level 5	Simple Addition & Subtraction
Level 6	Adding & Grouping
Level 7	Subtracting with Exchange
Level 8	Multiplication
Level 9	Division
Level 10	Hundreds and 3-Unit Numbers, including addition and subtraction
Level 11	Three Unit Multiplication and Division
Level 12	Thousands and Large Numbers
Level 13	Decimal Fractions and the Metric System

Level 14	Fractions
Level 15	Advanced Fractions
Level 16	Ratio, Percent, Graphs
Level 17	Signed Numbers, Negative Numbers
Level 18	Equations and Functions
Level 19	Geometry I
Level 20	Geometry II