

## Sharon Wells Program Overview

The Sharon Wells mathematics curriculum has been developed as directed by the Texas Essential Knowledge and Skills and tested by the TEKS-based assessments. It focuses on the use of manipulative materials in a problem-solving format to teach content knowledge, problem-solving strategies, graphing skills, basic facts and cooperative learning.

Teachers are provided a sequential guide for each six weeks which includes a lesson plan form, teacher instructions with a materials list, all necessary blackline masters, student test-taking skills and student assessments. Bilingual teachers are provided materials in Spanish; mathematics English/Spanish glossary student black line masters, student test taking skills and student assessments.

### Review

Mathematical skills are reviewed for 10 minutes Monday -Thursday for five weeks of each six weeks. Review topics will be determined by the teacher using the student performance data from the previous six weeks assessments in concepts, operations and problem solving.

### Concept Development

The goal of the curriculum is to develop mathematically secure students who are able to apply mathematical principles in problem solving situations. Concept development lessons are written according to the Texas Essential Knowledge and Skills for each grade level emphasizing basic understandings in number, operation, and quantitative reasoning; patterns, relationships and algebraic thinking; geometry and special reasoning; measurement; and probability and statistics. Each six weeks contains five concept development units.