About *Algebra 1*

The content of *Algebra 1* is organized around families of functions, with special emphasis on linear and quadratic functions. As you study each family of functions, you will learn to represent them in multiple ways—as verbal descriptions, equations, tables, and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations.

Algebra 1 provides thorough coverage of the Texas Essential Knowledge and Skills (TEKS) for Algebra 1. TEKS references appear at the beginning of each lesson and activity, and a full-page "Mixed Review for TEKS" appears twice each chapter. In addition, *Algebra 1* helps you prepare for the Grade 9 Texas Assessment of Knowledge and Skills (TAKS). Each lesson includes exercises called "TAKS Reasoning" and "TAKS Practice," and each chapter concludes with four pages of "TAKS Preparation" and "TAKS Practice." Technology support for both learning algebra and preparing for TAKS is available at classzone.com.