



Perfect for 21st Century Skills

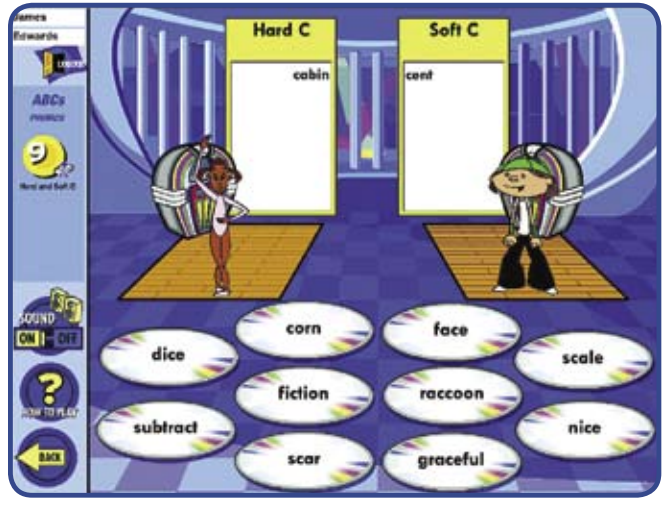
KEY SKILLS™

LEARNING SYSTEM

Core Subjects and 21st Century Themes

Reading and Math

The Key Skills Learning System from Sunburst Technology is a standard-based program for grades K-5. The software program is based on the latest research for developing reading and mathematics concepts and skills



Life and Career Skills

To be a success professionally and personally in the 21st century, students must acquire these skills. Research shows that children who struggle with reading lack self-confidence and the motivation to learn. Also, nationally children are not achieving Average Yearly Progress in math. It has been determined that children lack certain math concepts and skills needed to progress. Mathematical literacy for all students, both in everyday life and in the workplace is essential. The *Key Skills Learning System* uses engaging activities that are designed to have students apply high-level thinking skills to internalize math and reading concepts. The learning system contains six language arts modules and four math modules where concepts are sequentially developed and skills are strategically applied.

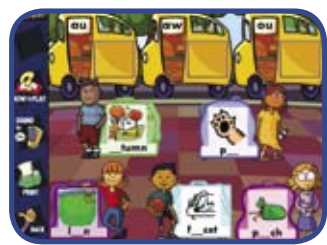
in activities that results in increased decoding skills, reading fluency, and word meaning. The software provides practice and reinforcement of decoding skills by using sorting and matching skills to develop new words and sentences. These words and sentences are matched to images and read aloud. The children are given many opportunities to hear and read the words. Such practice ultimately leads to better fluency, text comprehension, and an increased vocabulary (Connelly, Johnston, & Thompson, 2001).

Critical Thinking and Problem Solving Skills

Reading



Vocabulary Development



Spelling and Phonics

In the Key Skills Learning System, phonic skills are acquired by using critical thinking skills such as isolating, identifying, categorizing, blending, segmenting, deleting, and substituting Individual sounds. The written letters and words are presented in a variety of skill-specific activities that reinforce phonemic awareness and phonic skills by using phoneme substitution, syllabication and other skills. For example, in one module activity, students turn a wheel of ending phonemes as they mix-and-match them to a stationary beginning. As reading skills are developed, children are able to spend more time working to identify unknown words

Math



Addition and Subtraction Practice



Multiplication and Division Practice

The Key Skills Learning System has four math modules that sequentially develop math concepts and skills. The math modules provide opportunities for students to develop the critical thinking skills needed to perform successfully. It is essential that children understand the basic number concepts, and as they progress, understand the fundamental logical relationship between addition and subtraction and between multiplication and division. In the Key Skills Learning System math critical thinking skills are developed by using virtual manipulatives to estimate, model, compare, and apply number order. The program allows children to investigate and analyze math processes such as place value, numeration, operations, fractions, and measurement. Through many engaging activities, children are guided to evaluate and use math skills strategically.

Visit sunburst.com or call **800.321.7511** for more information!

