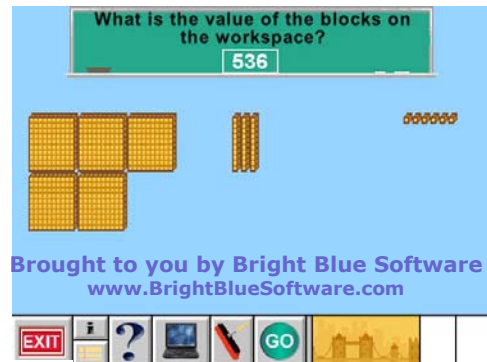
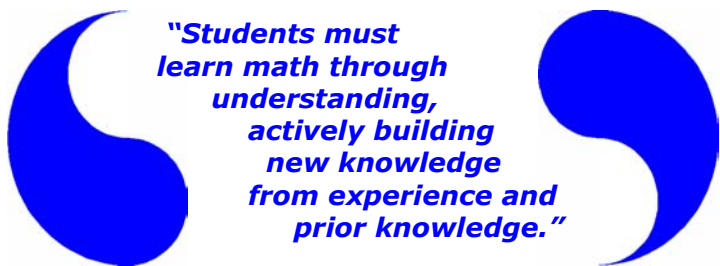


TLC Mathematics grades K - 6



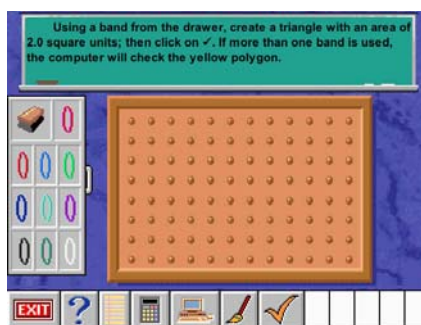
Since 1989, when the National Council of Teachers of Mathematics (NCTM) established curriculum and evaluation standards, IBM has worked to produce mathematics instructional software that embodies these standards.

TLC Mathematics reflects more than a decade of research and learning experiences in the teaching of mathematics and the use of technology. Based on three IBM products: Measurement, Time and Money, Exploring Math with Manipulatives and Exploring Math Concepts, **TLC Mathematics** presents a wide range of activities for grades K - 6 representing both content and process skills. Additionally, the program can help teachers understand and apply the principles recommended by NCTM.

Designed to accommodate a variety of teaching styles, TLC Math can be used to complement the existing math curriculum or as a core curricular product. The program integrates technology into the ongoing teaching and learning activities in the classroom with an emphasis on cross-curricular learning. With a focus on concepts, process, problem-solving skills and higher order thinking skills, the program also encourages collaborative learning and communication when used in a centers approach.

Using consistent, familiar activities in a spiral curriculum, students learn the essential math skills as well as gain an understanding of the concepts behind them. Through the use of online manipulatives as well as audio support for younger audiences, students can move to the 'next step' from concrete to abstract where they tackle complex problems and apply the math that they have learned to real-world problem solving. In addition, the 'Explore' activities provide a tool for teachers to instruct and model challenging skills to ensure student success.

The **Teacher's Guide** for grades 1 - 6 is organized by curriculum topics with three phases for each topic: Introduction, Development and Follow-up. Topics often include cross-curricular activities that extend concepts into other subject areas. To support a centers approach, the **Teacher's Guide** includes center activities, suggestions, and reproducible masters as well as suggestions for classroom management and student assessment. An additional tool, the **Kindergarten Integration Guide for Math and Reading**, is available as a separate purchase and supports TLC Mathematics.



The TLC Approach to Math Reflects the Standards presented by NCTM:

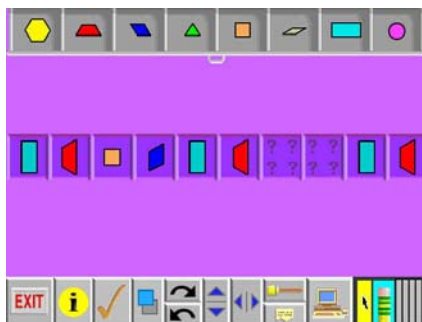
- Actively involve students in problem-solving activities.
- Focus on the meaning of math concepts rather than on rote skills.
- Increase the use of concrete manipulative materials.
- Use computers & calculators effectively in the classroom.
- Emphasize cooperative learning.
- Help students make connections between math & other areas in the curriculum.

Skills Addressed in TLC Math

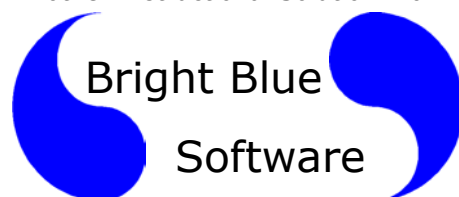
- Problem Solving Strategies
- Communications Strategies
- Reasoning Strategies
- Mathematical Connections
- Number Sense & Numeration
- Whole Number Operations
- Geometry & Spatial Sense
- Patterns & Relationships
- Measurement & Data Collection
- Fractions & Decimals
- Ratios & Proportions
- Percent & Integers

First, find out how much I spent on each spice. Then, click on the spices on which I spent more than \$2.80.

Spice	Spices Bought		
	oz Bought	\$ per oz	Amount Spent (\$)
Cinnamon	3	0.94	
Pepper	5	0.45	
Nutmeg	2	1.44	
Basil	3	1.90	
Ginger	2	1.17	



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