


**CLASSROOM MAGAZINES**

## DynaMath® Reinforces Math Skills



**D**ynaMath is an exciting teaching resource that engages upper-elementary students with age-appropriate, real-world applications and practice activities. Each monthly issue reinforces classroom curriculum by providing math activities that are current, engaging, and relevant to students' lives.

The following essential skills are addressed in *DynaMath*:

### MATH

- Apply math to real-life situations.
- Practice skills related to place value, such as:
  - Comparing numbers
  - Estimating and rounding
- Practice basic operations (+, -, x, ÷) with whole numbers.
- Practice fraction skills, such as:
  - Adding and subtracting
  - Comparing and ordering
  - Putting in simplest form
  - Converting between fractions and decimals
- Practice decimal skills, such as:
  - Ordering decimals
  - Finding sums and differences
- Practice skills related to money, such as finding totals and making change.
- Practice the following geometry skills:
  - Classify shapes and angles
  - Calculate area, perimeter, and volume
- Identify symmetry and patterns.
- Practice measurement skills relating to time, distance, and weight.
- Use and interpret a variety of graphs:
  - Bar
  - Pictograph
  - Line
  - Circle
- Understand probability.
- Apply problem-solving skills:
  - Solve single- and multi-step word problems
  - Use logical reasoning
  - Find and check for math mistakes

### TEST PREPARATION

- Build test-taking stamina through practice tests.
- Answer different types of questions in preparation for standardized tests, such as:
  - Multiple choice
  - Fill-in-the-blank
  - Open-ended questions

### TECHNOLOGY

- Participate in related online activities at [www.scholastic.com/dynamath](http://www.scholastic.com/dynamath).
- Practice using basic computer hardware (mouse, monitor, keyboard).



1 A category-3 hurricane's wind speed can range from 100 to 150 mph.

2 What category number is given to hurricanes with wind speeds that range from 74 to 95 mph?

"Math in Careers" feature shows real-life uses of math.

**SCHOLASTIC**

**CLASSROOM MAGAZINES**

## Skills Development: *DynaMath*

### SOCIAL STUDIES

- Learn about the following social studies concepts through the lens of math:
  - History
  - Careers in math
  - Culture
  - Important people in the past and present
  - Current events
  - Geography
  - Our world

### LANGUAGE DEVELOPMENT

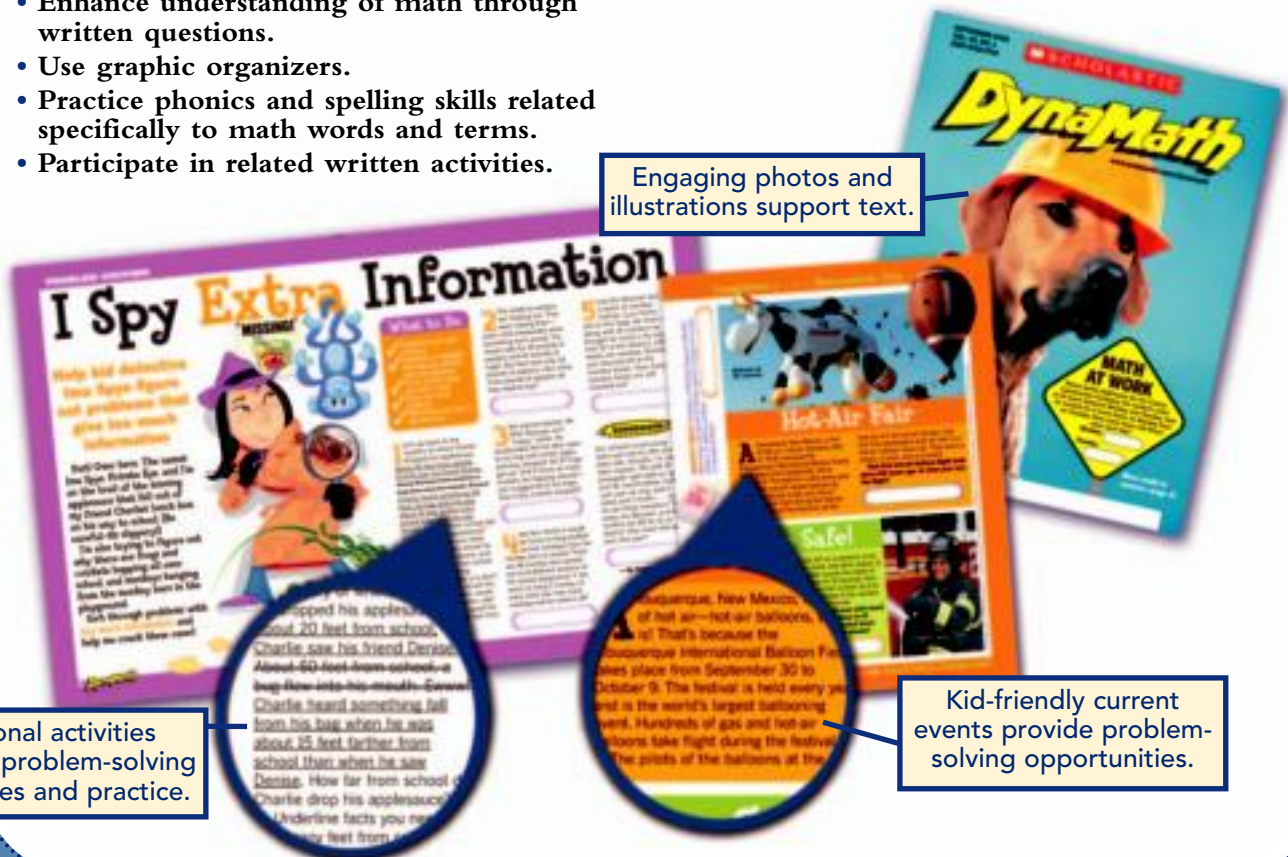
- Develop listening skills during shared readings and read-alouds.
- Read aloud independently.
- Practice conversation skills through discussions of text.
- Learn and use new content vocabulary.

### WRITING

- Experience writing as an enjoyable activity useful for math.
- Enhance understanding of math through written questions.
- Use graphic organizers.
- Practice phonics and spelling skills related specifically to math words and terms.
- Participate in related written activities.

### READING COMPREHENSION

- Experience reading as an enjoyable and useful activity.
- Read to enhance understanding of math concepts.
- Pay attention to detail.
- Build reading stamina by independently reading a variety of texts within one issue.
- Read a variety of genres.
- Retain and apply information learned.
- Self-monitor for comprehension and use strategies to improve comprehension.
- Understand a variety of features often found in nonfiction texts, such as:
  - Columns
  - Bullets
  - Interviews
  - Side stories
  - Headlines
  - Captions
  - Diagrams
  - Maps, graphs, and charts
- Develop ability to understand and interpret forms of visual literacy, such as photographs and illustrations.
- Read fiction related to math.



Engaging photos and illustrations support text.

Fictional activities provide problem-solving strategies and practice.

Kid-friendly current events provide problem-solving opportunities.

To request a free sample and for more information, call 1-800-387-1437 or visit [www.scholastic.com/classmags](http://www.scholastic.com/classmags)