

# activeBook Reader

## 3<sup>rd</sup> Grade

### Problem Solving

#### Rex's Design Store

E398

With Excel

1-3

Help Rex decorate clothing items with combinations of two attributes, shapes and color.

### Geometry

#### Flash Turtle: A First Look

E669

With No Software Required

2-6

Explore shapes, angles, measurement and other math ideas using this simple turtle graphics program.

#### Flash Turtle: Symmetry Drawing

E670

With No Software Required

3-6

Practice drawing symmetrical shapes using Flash Turtle, a simple turtle graphics program (included).

#### Identify and Draw Shapes 1

E299

With PowerPoint

1-3

Learn about common shapes and find them in community photographs.

#### Identify and Draw Shapes 2

E300

With Word

1-3

Practice drawing shapes and then make your own shape illustration.

#### Play with Tangrams

E393

With Word

3-6

Use and make tangrams and tangram puzzles.

### Measurement

#### Flash Turtle: A First Look

E669

With No Software Required

2-6

Explore shapes, angles, measurement and other math ideas using this simple turtle graphics program.

#### How Long is Your Hand?

E315

With Excel

1-3

Measure the length of your hand. Using the length of your hand as a frame of reference, find objects that have the same length.

## Number

### Know Your Multiplication Tables

E347

With Excel

3-7

Which multiplication facts do you know well? Which should you learn better? Find out and then focus your practice on the 'tricky' facts.

### Make Sets 1

E343

With Excel

1-3

Sort objects into groups.

### Make Sets 2

E344

With Excel

1-3

Sort objects into groups. Some objects may belong in more than one group.

### Multiplication Turn Around

E353

With Excel

3-4

$2 \times 3$  is 6. Is  $3 \times 2$  also 6? Color models to show that the two numbers in a multiplication equation are reversible. Use a grid to solve multiplication problems.

### Numbers and Squares

E327

With Word

3-5

Search for square numbers from 1 to 25 by arranging square tiles into square shapes. For an extra challenge explore square numbers from 26 to 100.

### Tables Generator

E323

With Excel

3-6

Learn basic spreadsheet skills while building multiplication tables.

## Operations

### Addition and Subtraction Strategy

E352

With Excel

2-3

Use a number grid to add one and two digit numbers. Learn strategies that make mental arithmetic easier.

### Division by Partition

E354

With Excel

3-4

Show that you can divide numbers by sharing equally.

### Make a Multiplication Calculator

E349

With Excel

2-3

Make a multiplication calculator that counts groups of numbers. Use your calculator to play fun games.

## Patterns and Algebra

### Multiplication Patterns

With Excel

3-6

Many number patterns occur in a multiplication table. Find and describe some of those patterns.

**E326**

### Number for a Word

With Excel

2-3

Use addition to convert your name into a number. Find out the 'value' of your friends' names.

**E261**

### One and Two-Difference Patterns

With Excel

2-3

Make patterns using blocks with different colors and shapes.

**E346**

### One Thousand Things

With PowerPoint

3-4

Students explore the magnitude of numbers in multiplicative patterns.

**E334**

### Patterns Everywhere

With Excel, PowerPoint

K-3

Identify patterns in everyday sights and objects, then create your own patterns.

**E329**

### Triangle Number Patterns

With Word

3-5

Explore a triangle number pattern by using circles to build triangles. Can you find the pattern?

**E333**