

## Additional Resources

Additional Math Resources may be found on the ETTC website at:  
<http://www.jcboe.org/ettc/technologyintomath.html>



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## Math Activities

### Using a Digital Camera

**Featuring:**

- Digital camera activities
- Interactive websites
- Lesson plan websites

**Date: 1/17/06**

## Digital Camera Activities for the Classroom

### Numbers

- Assign students numbers and have them find and take pictures of things with the corresponding number of items.
- Have students increase the number of objects in the picture by given increments.
- Make a chart, booklet or PowerPoint slide show of their work.

### Shape studies

- Have students search for and record various shapes.
- Create a wall chart using the pictures.

### Vocabulary

- Take pictures representing math terms.
- Create an electronic vocabulary slide show in PowerPoint using pictures and definitions. Have older students record a narration of the show for younger students.

### Fractions

- Use pictures of everyday objects to show fractional parts.
- Use the drawing toolbar in Word or PowerPoint to group or divide objects in pictures to represent fractional parts.

### Graphs

- Illustrate a graph with pictures.
- Create a pictograph using multiple copies of the student's image.
- Create a pictograph from pictures of foods, colors, people, etc.

### Tessellations

- Take photographs of tessellations in nature (for example: a chain link fence).
- Create tessellations using photos.

### Patterns

- Display student pictures of various patterns on a classroom poster.
- Create different patterns with pictures.

### Multiples/Arrays

- Look for arrays at home, in school and outdoors.
- Make a poster for each number. A poster of 12 may have a 2 X 6 carton of eggs, or a 3 X 4 case of soda.

### Time

- Take photographs of an analog clock showing different times.
- Create an interactive test about time using PowerPoint.

### Angles

- Take pictures of everyday objects.
- Find as many different angles in the pictures as possible.
- Estimate and measure the angles.

### Numerical Operations

- Use pictures to create a PowerPoint slide-show or a movie showing an animation of an equation.
- Create pictorial number sentences.

### Symmetry

- Find and record symmetry in objects.
- Use the drawing toolbar to draw a line of symmetry.