



## 10 Minute Learning Activity

**Database:** EBSCO *Kids Search*

**Topic/Subject Area:** Geometry

**Grade Level:** Grade 5

**Essential Question:** What are the formulas for the perimeter and the area of a rectangle?

**Submitted By:** Trisha Jensen  
Wayne Trace Local School District  
Developed for BGSU-EDTL 680  
Summer 2006

**Academic Content Standards:** K-12 Mathematics

**Standard:** Measurement Standard

**Benchmark:** E. Use problem solving techniques and technology as needed to solve problems involving length, weight, perimeter, area, volume, time and temperature.

**Grade Level Indicator:** 5 Use strategies to develop formulas for determining perimeter and area of triangles, rectangles and parallelograms, and volume of rectangular prisms.

### Search Steps:

1. Type in <http://www.infohio.org>.
2. Click on the *Resources for Grades K-5* button.
3. Select the *Kids Search* button.
4. If it asks you to authenticate, you will have to type in your username and password. Your teacher or librarian will have these for you.
5. Click on *Kids Search* button again.
6. Type in the words *perimeter and area* (type it exactly like you see it here).
7. Click on the *Go* button.
8. Find the article called *Math Puzzlers*.
9. Click on it.
10. Read the article and answer the *essential question*, "What are the formulas for the perimeter and area of a rectangle?"

### Additional Comments on Search Process:

1. This site provides many helpful buttons. The dictionary, encyclopedia and images buttons are just a few.
2. This site also provides a button for teacher resources.