

Name _____ Date _____

Geometric Shapes

<http://www.teachercreated.com/books/3812> Click on page 63, sites 1–3

Key Question: What can be discovered about geometric shapes?

Directions: Visit the Web sites listed below and answer the questions that follow each one. Use complete sentences for your answers.

Thinking Fountain—I C Shapes

1. Click on the red circle. What are three things found around us that have a circle shape?

2. Click on the blue square. What are three things found around us that have a square shape?

3. Click on the green triangle. What are three things found around us that have a triangle shape?

Space Figures

4. According to this Web site, what is a space figure?

5. Click “Space Figures Quiz.” Take the quiz and record the number of questions you answered correctly on the first try.

Nuts About Geometry

6. Click “Activities” and then choose “Symmetry.” How could you discover what symmetry is?

7. What does it mean if a figure is symmetric?

8. How many lines of symmetry were shown in the rectangle? _____

9. Look at the examples of symmetry found around us. Write two examples of symmetry you can find that are not shown on this page.

10. Click the black rectangle button on the left side of the screen labeled “About Us.” How many children designed this Web site? What grades were these students in and how old were they? _____

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Legend of the Tangram

Key Question: Read and illustrate a story about the tangram.

Directions: Read the “Legend of the Tangram” below. Draw what happens in the story in the boxes. Write a caption inside each box to tell about your drawing. Write a number inside each box to show what order the events happened.

Legend of the Tangram

A long time ago in China, there lived a man called Tan. Tan’s greatest possession was a fine ceramic tile. One day Tan was carrying his tile to show the emperor. He tripped and the tile fell and broke into seven geometric shapes: two large triangles, a medium size triangle, a square, and a parallelogram. Tan spent the rest of his life trying to put the tile back together again. He was not successful, but he did succeed in creating many different geometric designs. Tan enjoyed creating the designs. His friends also enjoyed trying to re-create his designs. Tan’s puzzles, later called tangrams, were passed on through generations and from country to country.

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Make Your Own Tangram

<http://www.teachercreated.com/books/3812> Click on page 65, site 1

Key Question: How can tangram shapes be arranged to make a picture?

Directions: Create a picture in the space below, using tangram shapes. If your teacher does not have tangrams to use in the classroom, go back to the “Nuts About Geometry” Web site, click “Activities,” and choose “Tangrams.” A printable pattern is available for you to use to trace and cut out the tangram pieces.

