



TEACHER PAGE

Lessons: Branding Circles, Squares, Rectangles, Triangles

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New Arizona Math Strand 4 Geometry and Measurement Grade Kindergarten

Articulated 4MK1-01 Identify two-dimensional shapes by attribute – size, shape, number of sides; **4MK1-03** Identify shapes in different environments.

Old Arizona Math Standard 4 Geometry

Grade Kindergarten

4M-Readiness 1 Students are able to identify, compare, classify, draw and make models of shapes.

Materials: Drawing paper, colored paper, drawing tools, scissors, and glue should be available. Make cutout examples of squares, triangles, rectangles, and circles available for hands-on work in identifying and combining these shapes to form other shapes.

Objectives: Students will be able to:

1. Classify shapes by their outline.
2. Classify shapes from examples of them in stories and everyday life
3. Choose a specific shape after comparing several shapes

Overview:

From colorful examples, students will have ample opportunity to learn to classify 2-D shapes of squares, circles, rectangles, and triangles in a western setting. They will also be capturing shapes with a lasso. The Circle lesson also has English, Navajo and Spanish narrations and scripts. Web site has a Spanish/English Dictionary for math: www.math2.org/math/spanish/eng-spa.htm

Content

The series of Branding lessons have similar formats to allow students to have to select specific shapes from among the four basic two-dimensional shapes. For vocabulary, and feel free to add to it, click on SAYWHAT? For a practical example of these concepts (shapes), click on SO WHAT!

Follow up, extensions

1. Go to the following web site to see suggestions from the teacher/author. Teachers will most certainly wish to follow these activities surrounding squares, circles, rectangles and triangle identification with actual drawing and cutting out shapes to be used in making pictures, collages, murals, mosaics, and rug designs.
2. Encourage students to articulate (TALK ABOUT IT!) to each other and the teacher the ways they compare and classify shapes. For more: DIG DEEPER.
3. Introduce researching simple topics, such as locating pictures of shapes and objects. The final scenes of the lessons personalize shape awareness at home.
4. Organize a Shape Hunt at school.

Assessment:

Students will “drag” their choices to the correct location. They will need to identify the objects with the correct shape to get a “correct” response. Pre and post-tests with this lesson would provide important learning data.

