

12 Math Strategies 3



Kindergarten Teachers Message Board

Teaching Geometry Standards

SchoolLady11: Does anyone have any good lesson ideas for teaching students geometry? I'm struggling to think of fun ways to teach students about shapes and their components.

TeacherDude12: I recommend giving students worksheets with shapes on them. Have students **cut out** the shapes, and then **combine** them in different ways. For example, tell students to put two **triangles** together in a way to create a **rectangle**. Have students count the number of **sides** and **corners** each shape they create has. Then let them **glue** their shapes together to create a unique work of art.

StudentHelper3: Great topic! My geometry lessons are my favorite lessons to teach. I like to pour some **sand** or **sugar** onto a flat surface. Then, I let students take turns using their fingers to **draw** the different shapes they've been learning. I find this activity is particularly effective because it is so hands-on.

MathLover7: My favorite geometry activity is one where students **build** three-dimensional structures out of clay and pieces of dry pasta. I give each student a ball of **clay**, which they use to create three-dimensional shapes. Then they use the **pasta** to connect the different clay structures they **form**. This activity is a lot of fun.

SchoolLady11: Great ideas, everyone! Thanks so much.

Get ready!

- 1 Before you read the passage, talk about these questions.
 - 1 What are the characteristics of triangles and rectangles?
 - 2 What are some materials that geometry activities might require?

Reading

2 Read the message board posts. Then, mark the following statements as true (T) or false (F).

- 1 A user suggests asking students to use two rectangles to form a triangle.
- 2 StudentHelper3 describes a method of building three-dimensional objects.
- 3 One of the users suggests using pasta to connect clay structures.

Vocabulary

3 Write a word that is similar in meaning to the underlined part.

- 1 Draw a picture of a(n) three-sided polygon.
_ _ _ a n _ l _
- 2 Combine the two triangles to create a four-sided polygon.
_ _ _ t a _ _ e
- 3 Please circle the triangle's shortest edge.
_ _ _ e
- 4 Use the clay to mold a ball.
_ o _ _
- 5 Please construct a three-dimensional structure using the clay and pasta.
_ _ i l _
- 6 Next, use adhesive to stick the two items together.
_ _ u _