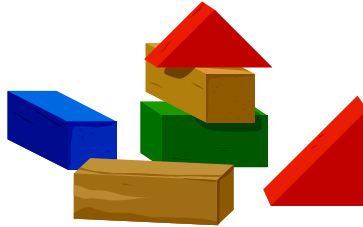


# Summative Assessment for Shapes Are Everywhere At School



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## **Summative Assessment**

### Performance Assessment

**Duration:** Approximately 20-30 minutes

**Standard (s) Assessed:** MA.C.1.1.1.K.1; MA.C.1.1.1.K.2; MA.C.1.1.1.K.3; SS.B.1.1.1.K.1; SS.B.1.1.1.k.2; SS.B.1.1.2 (\* only addresses simple maps and NOT globes and other three-dimensional models)

#### **Description of Assessment Activity:**

Students are able to create an individual school campus map at their desks, using shapes to represent various sites. They can use shapes to represent important sites on the school campus to create a real life situation that will be beneficial to them in their day- to- day functions within the school building. Students use wooden shape blocks to demonstrate knowledge of two-dimensional shapes and describe their similarities and differences. They will demonstrate knowledge of 3-dimensional shapes by sorting them according to geometric shapes and sorting 3-dimensional objects by varied attributes (what slides, rolls, or stacks) by gluing cut-outs of these types of objects in appropriate columns on a worksheet or work mat.

#### **Teacher Directions:**

##### Before the Assessment:

Gather materials-

- Construction paper shapes with pictures glued on (office, restroom, classroom, etc.);
- School campus maps for each student;
- Two-and three-dimensional wooden blocks;
- Teacher checklist (one per student);
- Pre-cut pictures of shapes; worksheet;
- Glue.
- Prepare which questions you will ask in determining if students know terms to describe the relative location of places on campus. (Questions will vary due to the uniqueness of each school.)

##### Day of the Assessment:

Teacher will use student directions for each part of the summative assessment procedures.

#### **Student Directions:**

Students follow the teacher-directed instructions-

- 1) Using the shapes with school site pictures, complete your school campus building site map by placing the shapes in the appropriate places. As you work, I will come around and ask you some questions about the location of your sites.
- 2) Using the wooden block shapes, identify each of the two-dimensional shapes by touching each shape, naming and describing it (name number of sides or tell if it is round); lastly, describe the similarities (how they are alike) and differences (how they are different) of these shapes.

- 3) Complete the three-dimensional worksheet by gluing the appropriate pre-cut shape under the correct column (correlating the word/shape); then you will glue the appropriate pre-cut shape under the correct attribute of the shape (which rolls, slides or stacks).

**Scoring Method and Criteria:**

The teacher checklist and student worksheet will measure student achievement.

The checklist:

- 1) Individual student- made school campus building site maps
- 2) Identification and description of two-dimensional shapes; description of similarities/differences of these shapes

Three-dimensional worksheet:

- A) Glue appropriate pre-cut three-dimensional shapes under the correct shape column (Correlates word/shape)
- B) Glue appropriate pre-cut shapes under the correct attributes of the shapes (which stacks, rolls or slides)

**The Scoring Key:**

The Teacher checklist and the Student worksheet will measure student achievement. Mastery will be 75% of the demonstration and answers correct.

## Summative Assessment Checklist

(\*Teacher will use checklist to record the students' success in each of the areas).

1. Student building map-

Shapes with building sites are in correct places on their map:

- a. Office\_\_\_\_
- b. Restrooms\_\_\_\_
- c. Cafeteria\_\_\_\_
- d. Media Center\_\_\_\_
- e. Classroom\_\_\_\_

2. Student can use terms to describe relative location in at least 4 out of 5 times.

3. Student can identify the two-dimensional shapes and similarities and differences:

- a. Circle\_\_\_\_\_
- b. Square\_\_\_\_
- c. Rectangle\_\_\_\_
- d. Triangle\_\_\_\_

List the student's comments:

Similarities

Differences

## Summative Assessment Three-dimensional Shapes Worksheet

A) Glue a pre-cut picture under the correct shape:  
(\*The shape will be drawn above the word in each column)

Cone

Cylinder

Sphere

Cube

B) Glue a pre-cut picture under the appropriate column:

Rolls

Slides

Stacks