

SIZE, SHAPE, AND COLOR

Performance Standard 30A.A

Demonstrate understanding of simple geometric shapes and compare them by color and size accordingly:

- *Knowledge:* Know the main shapes, sizes and colors.
- *Comprehension:* Understand names of sizes, shapes and colors in the target language.
- *Communication:* Effectively communicate terms in the target language.

Procedures

1. ***In order to use the target language to reinforce and further knowledge of other disciplines (30A)***, students should experience sufficient learning opportunities to develop the following:
 - *Use simple math vocabulary (e.g., name, numbers, and simple geometric shapes)*
2. Have students review and discuss the assessment task and how the rubric will be used to evaluate their work.
3. Practice recognizing color and simple geometric shapes, large vs. small, with students.
4. Prepare paper shapes (diamonds, square, triangle, rectangle, circle, oval) in two sizes and in several colors (red, blue, yellow, green, white).
5. Place two hula hoops (or length of yarn) on the floor to overlap, forming a Venn diagram.
6. Place one of the colored shapes in each of the non-overlapping parts of the hoops.
7. Have students choose one of the remaining shapes which have been laid out on the floor and place it in the overlapping section of the hoops. The students must justify their choices by naming the qualities their choice shares with each of the original shapes.
8. Evaluate the student's performance using the Foreign Language Rubric as follows and add the scores to determine the performance level:
 - *Knowledge:* Knew key terms for sizes, shapes and colors.
 - *Comprehension:* Understood verbal cues.
 - *Communication:* Used correct terms.

Suggested script: (given in the Target Language)

Teacher: What is in this side?
Student: It is a small red circle.
Teacher: What is in the other side?
Student: It is a large blue triangle.
Teacher: What did you choose?
Student: A small yellow triangle.
Teacher: Why?
Student: It is small like this, and it is a triangle like this.

Examples of Student Work not available

Time Requirements

- Sessions of 10 – 15 minutes, with enough sessions to accommodate the entire class

Resources

- Lengths of rope or yarn (If the floor surface permits, circles may be drawn with chalk or erasable markers.)
- Six geometric shapes in two sizes and several colors
- Sheets to record student responses
- Videotapes – identify students with numbers
- Foreign Language Rubric