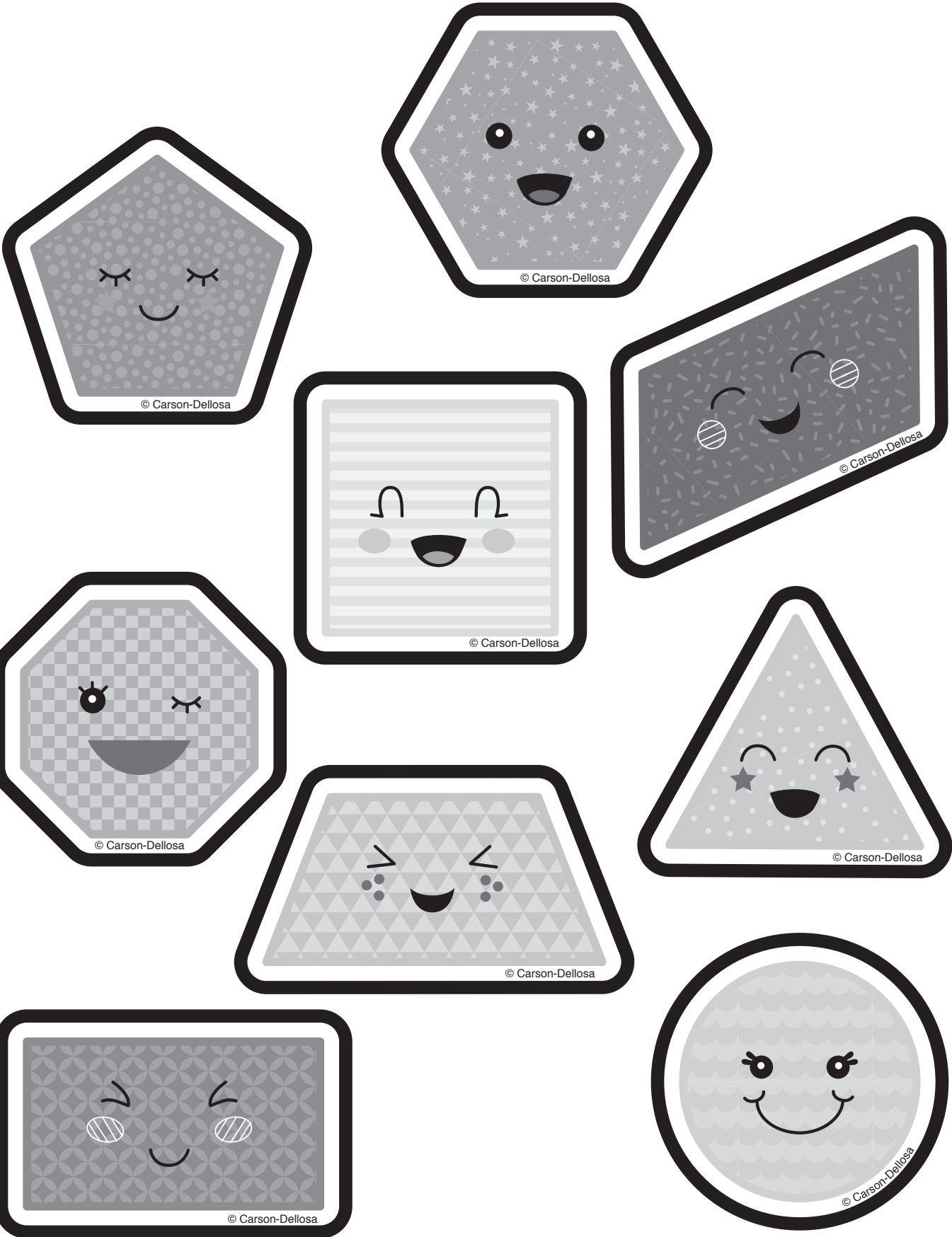


Reproducible Patterns



Activities by Subject

Math

Guess the Flat Shape Place pattern blocks (or cut various flat shapes from cardboard) into a paper bag. Place the flat shape description speech bubble accents facedown on a table. Have a volunteer choose a speech bubble accent. Ask her to reach into the bag without looking and find the chosen shape. Before pulling the shape from the bag, have her explain why she thinks she has chosen correctly, using attributes listed on the speech bubble for the reference. Finally, let the student reveal the shape and check her answer.

Shapes Everywhere Display and review the shapes in the School Pop Shapes and Solids Bulletin Board. Allow students to make a shapes book featuring each shape. Give each student eight sheets of blank paper. Have students make a book by folding the pages in half. Provide students with crayons, scissors, glue, and magazines. Have students make title pages for their books. Then, students should write one shape name on each page. Have them search through magazines to find real-world objects representing each shape. Allow them to cut out the pictures and glue them to the corresponding pages. Finally, staple the pages together.

I Spy Shapes Display and review the names and properties of each shape. Tell students they are going to play the game “I Spy” with the shapes. Say the “I Spy” riddle (I spy something with ____.) and fill in the blank with an attribute from a shape. If a student thinks he knows which shape you spy, allow him to come up to the board and point to the shape. If he is correct, allow him to be the next spier by saying the riddle and filling in a property of a shape. If he is incorrect, allow another student to guess or give another property of that shape. Continue until each student has had a turn to be the spier or until all of the shapes and their properties have been identified.

Shape Matchup Use the School Pop Shapes and Solids Bulletin Board as a math center activity. Place the shape accents and the speech bubble accents facedown on a table. Students should take turns turning over a shape and a speech bubble. If the two match, the student keeps the accents. The student with the most matches wins the game.

Ordinal Shapes Give each shape from the School Pop Shapes and Solids Bulletin Board to student volunteers. Have the students holding the shapes stand in a line at the front of the classroom. Be sure to have them hold their shapes in front of themselves so the other students can easily see the shapes. Then, ask the rest of the class questions about which shape is first, second, third, etc. Next, call on students to call out directions to the students holding shapes, such as *put the circle first* and *move the square so that it is fifth*. Students holding the shapes should follow the directions. The remainder of the class should check to see if the directions were followed correctly. Ask students a series of questions about the new arrangement of the students holding the shapes. Continue until all of the students have had a turn being shape holders.

Language Arts

Shape Adventures Allow students to choose a shape to write superhero stories about. Students should think of creative titles, such as *Never Fear, Super Square is Here!* Explain to students that stories should begin with descriptions of their shapes. Each description should include the shape’s name, the number of vertices, edges, and faces, and at least one example of a real-world object in that shape. Encourage students to write a story about how their shapes saved the day. Allow students to illustrate their stories. Use construction paper to create colorful book covers and display them in the reading center.

Activities by Subject

Science

Shape Walk Before going on the walk, discuss examples of some real-world shapes students might see on their walk, such as a cylindrical trash can. Instruct students to label a page in their notebooks with the names of each of the 15 shapes from the School Pop Shapes and Solids Bulletin Board. Then, walk together around the school and grounds while students write down the objects that they see for each shape. Share the lists after returning to the classroom and post them around the bulletin board.

Art

Shape City Arrange students into groups and assign each group a few shapes from the School Pop Shapes and Solids Bulletin Board. On a large sheet of butcher paper, have each group design a city scene for its assigned shapes, such as cylinder houses and trapezoid cars. Display the scenes on a wall or bulletin board with the title *Welcome to Shape City*.

Games

Shape Up! Write an exercise or activity, such as jumping jacks or arm circles, on each shape accent. Display them on a wall or bulletin board. Read one of the speech bubble accents to describe a shape. Students should locate that shape and perform the given exercise or activity. Continue until all of the shapes have been identified.

Human Shapes Organize students into small groups and have them spread out into different areas of the classroom. Hold up one shape at a time from the School Pop Shapes and Solids Bulletin Board. Challenge each group to form the shape with their bodies. They may lie down on the floor, stand, or move as needed. If school policy permits, take pictures of the human shapes and display them around the School Pop Shapes and Solids Bulletin Board.

