

Shape Builders

Students choose and build four plane figures with flexible and straight materials.

K.MG.2.f "Construct plane figures (circles, triangles, squares, and rectangles) using a variety of materials (e.g., straws, sticks, pipe cleaners)."

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 BUILD SHAPES _____

a			
b			

2 MORE SHAPES _____

a			
b			

HOW TO RUN THIS PAGE

Give each student one flexible pipe cleaner, three straws, four equal craft sticks, two long craft sticks, two short craft sticks, and small clay balls for joining ends. Read each row aloud, have students circle the shape, then have them build that same shape with the named materials.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • BUILD SHAPES

SAY “Listen to each question. After you circle a shape, use the materials named in the question to build the same shape.”

ROW	SAY	STUDENTS CIRCLE
a	Which shape has no corners? Circle it, then bend your pipe cleaner and join its ends to build the same shape.	circle
b	Which shape has 3 sides? Circle it, then use 3 straws and clay balls to build the same shape.	triangle

PART 2 • MORE SHAPES

SAY “Listen for how the sides are alike or different. Which shape will you circle and build?”

ROW	SAY	STUDENTS CIRCLE
a	Which shape has 4 equal sides and 4 corners? Circle it, then use 4 equal craft sticks and clay balls to build the same shape.	square
b	Which shape has 4 corners, with 2 long sides and 2 short sides? Circle it, then use 2 long craft sticks, 2 short craft sticks, and clay balls to build the same shape.	rectangle

WHAT TO ACCEPT

Row answers are circle, triangle, square, and rectangle. Accept a closed pipe-cleaner circle, a 3-sided straw triangle, a square with four equal stick sides, and a rectangle with two long and two short stick sides.