

Shape Build Lab

Teacher-led shape composing with oral prompts and simple circles.

1.GSR.4.2 "Compose two-dimensional shapes (rectangles, squares, triangles, half-circles, and quarter-circles) and three-dimensional figures (cubes, rectangular prisms, cones...)"

NAME _____

DATE _____

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

1 FLAT BUILDS

a			
b			
c			

2 SOLID BUILDS

a	cube	prism	cylinder
b	cube	cone	cylinder

HOW TO RUN THIS PAGE

This sheet asks children to think about smaller pieces touching to make a new shape or figure. Read each row aloud, including the choices, and have children circle one answer. The first part uses flat shapes, and the second part uses solid figures.

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

PART 1 • FLAT BUILDS

SAY “Look at the three shapes in each row. Listen to each shape-building story, then circle the shape that can be made.”

ROW	SAY	STUDENTS CIRCLE
a	Row one. The choices are triangle, square, and rectangle. Two matching triangle pieces each have a square corner and two sides that are the same length. Their longest sides touch. What shape can they make? Circle it.	square
b	Row two. The choices are square, triangle, and circle. Four quarter-circle pieces have straight sides that meet in the middle. What shape can they make? Circle it.	circle
c	Row three. The choices are rectangle, circle, and square. A square made from smaller pieces touches another matching square side to side. What larger shape can they make? Circle it.	rectangle

PART 2 • SOLID BUILDS

SAY “Now look at the words in each row. I will read the words and tell a building story. Circle the word that names the figure that can be made.”

ROW	SAY	STUDENTS CIRCLE
a	Row one. The choices are cube, prism, and cylinder. Here, prism means rectangular prism. Two matching cubes touch face to face. What figure can they make? Circle the word.	prism
b	Row two. The choices are cube, cone, and cylinder. Eight matching small cubes fit together in a two by two by two block. What figure can they make? Circle the word.	cube

WHAT TO ACCEPT

Flat Builds answers are square, circle, rectangle. Solid Builds answers are prism, meaning rectangular prism, and cube.