

Pattern Detectives

Students listen for repeating and growing patterns, then mark what comes next.

1.PFA.1.b "Analyze a repeating or increasing pattern and generalize the change to extend the pattern using objects, colors, movements, pictures, or geometric figures."

NAME _____

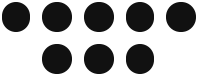
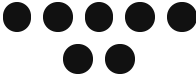
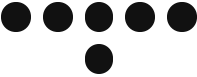
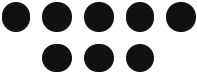
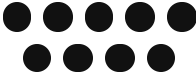
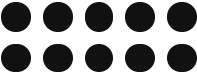
DATE _____

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

1 NEXT SHAPE _____

a			
b			
c			

2 GROWING DOTS _____

a			
b			
c			

HOW TO RUN THIS PAGE

Read each pattern slowly two times and give students time to look at the choices. Students show that they can notice what repeats or how a dot group grows by circling the next item.

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

PART 1 • NEXT SHAPE

SAY “I will say a pattern of shapes. Listen for the part that repeats, then circle the shape that comes next.”

ROW	SAY	STUDENTS CIRCLE
a	Listen: circle, triangle, circle, triangle. The choices are circle, square, and triangle. Which shape comes next? Circle it.	circle
b	Listen: square, square, triangle, square, square, triangle. The choices are triangle, square, and circle. Which shape comes next? Circle it.	square
c	Listen: star, hexagon, diamond, star, hexagon, diamond. The choices are hexagon, diamond, and star. Which shape comes next? Circle it.	star

PART 2 • GROWING DOTS

SAY “Now listen to dot groups that grow. Notice how many dots are added each time, then circle the dot group that comes next.”

ROW	SAY	STUDENTS CIRCLE
a	Listen: one dot, two dots, three dots. The choices show three dots, four dots, and five dots. Which dot group comes next? Circle it.	4 dots
b	Listen: two dots, four dots, six dots. The choices show eight dots, seven dots, and six dots. Which dot group comes next? Circle it.	8 dots
c	Listen: three dots, five dots, seven dots. The choices show eight dots, nine dots, and ten dots. Which dot group comes next? Circle it.	9 dots

WHAT TO ACCEPT

Next Shape answers are circle, square, star. Growing Dots answers are 4 dots, 8 dots, and 9 dots; accept a clear circle around the correct choice.