

# Pattern Sound Detectives

Students listen, name repeating or increasing patterns, and write missing numbers.

**1.PFA.1.a** "Identify and describe repeating and increasing patterns."

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

## 1 NAME IT \_\_\_\_\_

|   |            |            |           |
|---|------------|------------|-----------|
| a | Increasing | Repeating  | Stopping  |
| b | Increasing | Stopping   | Repeating |
| c | Stopping   | Increasing | Repeating |

## 2 NEXT NUMBER \_\_\_\_\_

|   |  |
|---|--|
| 1 |  |
| 2 |  |
| 3 |  |

**HOW TO RUN THIS PAGE**

Read each sound pattern aloud twice and give students time to mark their choices. Students show this skill by noticing when sounds repeat and when the number of sounds increases, then by finding the next number in an increasing pattern.

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

**PART 1 • NAME IT**

**SAY** “I will say a sound pattern, then I will read the three words in the row. Listen for a part that comes again or for a number of sounds that gets larger. Which word names the pattern? Circle it.”

| ROW | SAY                                                                                                                                                   | STUDENTS CIRCLE   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| a   | Listen: clap, tap, clap, tap. I will read the words: Increasing, Repeating, Stopping. Which word names this pattern? Circle it.                       | <b>Repeating</b>  |
| b   | Listen: one clap, then two claps, then three claps. I will read the words: Increasing, Stopping, Repeating. Which word names this pattern? Circle it. | <b>Increasing</b> |
| c   | Listen: snap, stomp, snap, stomp. I will read the words: Stopping, Increasing, Repeating. Which word names this pattern? Circle it.                   | <b>Repeating</b>  |

**PART 2 • NEXT NUMBER**

**SAY** “Look at each labeled box as I say its number pattern. For the box labeled 1, hear 1, 2, 3; for 2, hear 2, 4, 6; for 3, hear 3, 4, 5. What number comes next in each pattern? Write it in its box.”

- Box 1 (beside 1): **4**
- Box 2 (beside 2): **8**
- Box 3 (beside 3): **6**

**WHAT TO ACCEPT**

For Part 1, accept Repeating, Increasing, Repeating, in that order. For Part 2, accept 4, 8, and 6, in the boxes labeled 1, 2, and 3.