

Dot Data Detectives

Students interpret dot data and record heard observations with numbers.

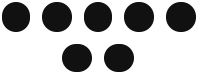
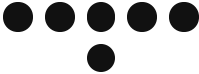
1.1.f.i "obtaining, evaluating, and communicating information communicate observations and data using simple graphs, pictures, drawings, numbers, speech and/or writing"

NAME _____

DATE _____

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

1 READ DATA _____

a			
b			
c			

2 HEAR AND WRITE _____

First	
Next	
Last	

HOW TO RUN THIS PAGE

Read each prompt aloud and give students time to look at the dot groups before they mark. In Part 2, clap three planned totals from 1 to 9, one total for each box, so students can communicate sound observations with numerals.

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

PART 1 • READ DATA

SAY “Each row has groups of dots. I will tell you what was counted. Point to each group as I read it, then circle the group that shows the count.”

ROW	SAY	STUDENTS CIRCLE
a	A child counted 4 seeds. Which dot group shows the count?	4 dots
b	A child counted 2 leaves. Which dot group shows the count?	2 dots
c	A child counted 6 shells. Which dot group shows the count?	6 dots

PART 2 • HEAR AND WRITE

SAY “Listen as I make a set of hand claps. Count the claps you hear, then write the number in the box I name. What number will show your observation?”

- Box 1 (beside First): **numeral matching the first teacher clap total**
- Box 2 (beside Next): **numeral matching the second teacher clap total**
- Box 3 (beside Last): **numeral matching the third teacher clap total**

WHAT TO ACCEPT

Part 1 answers are middle, left, and right. In Part 2, accept a correctly formed numeral that matches each teacher clap total in order.