

Show What You Saw

Use numbers, graphs, drawings, and words to share science observations.

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

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each word or phrase that tells how Mia communicated her observations and data.

Mia's Bean Seed Data

- ① Mia wanted to communicate what she saw as bean seeds grew. She put five wet bean seeds into each of two cups. One cup sat by a sunny window. The other cup sat in a cupboard. Both cups got the same amount of water each day.
- ② After five days, Mia counted the seeds that had sprouted. A sprout is a tiny new plant growing from a seed. She made the bar graph below so classmates could see her numbers. The labels name each cup, and the bars show her observations clearly.

BEAN SEEDS THAT SPROUTED AFTER FIVE DAYS



- ③ Mia also drew the two cups in her science notebook. Next to each drawing, she wrote the number of sprouts. Then she told her partner what the graph showed. Drawings, numbers, graphs, and spoken words can help people share observations and data with care in science.

2 ANSWER WITH EVIDENCE Use the passage

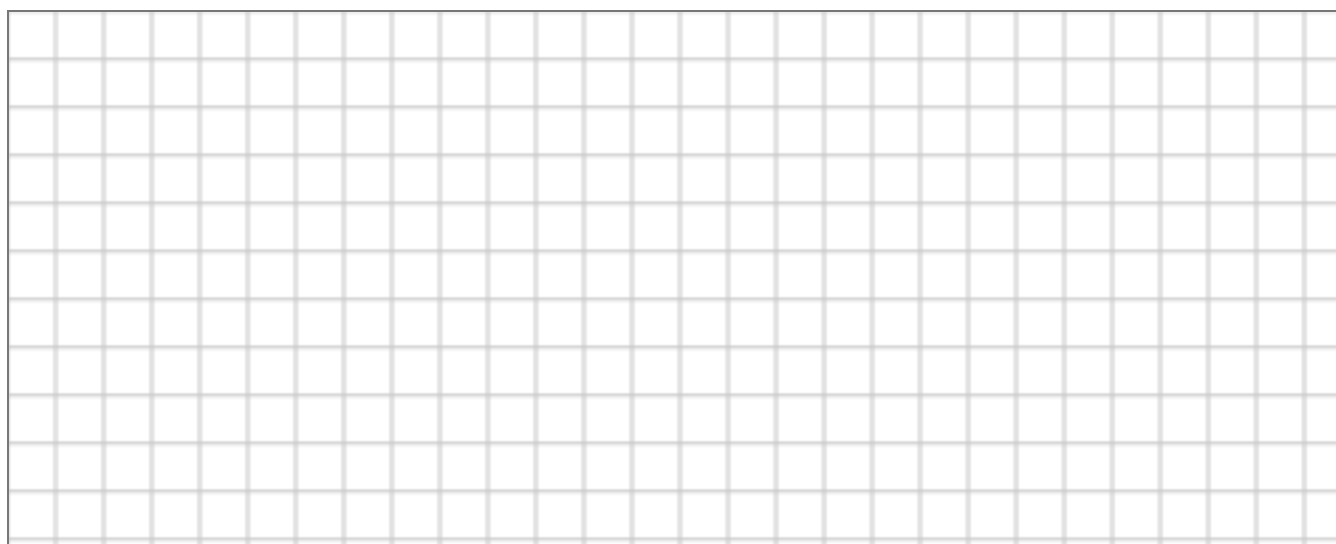
1 Which cup had more sprouted bean seeds? How many sprouts did it have?

2 How many more seeds sprouted in the sunny window cup than in the cupboard cup?

3 Name two ways Mia shared her observations and data.

3 YOUR TURN Your own words

Count crayons of three colors in a crayon bin. Make a bar graph with a title, color labels, and bars that show your numbers. Write one sentence that tells a number from your graph.



PART 1 • READ AND MARK

Underline each word or phrase that tells how Mia communicated her observations and data. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which cup had more sprouted bean seeds? How many sprouts did it have?	The sunny window cup had more sprouts. It had 4 sprouts.
2	How many more seeds sprouted in the sunny window cup than in the cupboard cup?	1 more seed sprouted in the sunny window cup.
3	Name two ways Mia shared her observations and data.	Answers may include a bar graph, drawings, numbers, or spoken words.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Title: Crayon Colors. Red bar: 6. Blue bar: 4. Green bar: 2. There are 6 red crayons.

Accept any accurately labeled graph that shows counts for three crayon colors and includes a matching sentence. For Question 3, accept any two communication methods named in the passage.