Bean Plant Watch

Measure three bean plants as sprouts and again as adult plants.

L.K.2.3 "With teacher guidance, conduct a structured investigation to observe and measure (comparison of lengths) the changes in various individuals of a single plant species from seed germination to adult plants..."

NAME _____ DATE _____

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

1 NEW SPROUTS

A	
B	
C	

2 GROWN PLANTS

A	
B	
C	

ANSWER KEY

Bean Plant Watch

HOW TO RUN THIS PAGE

Grow three bean plants from seeds and label them A, B, and C. Guide students to measure each plant with paper clips when it first sprouts and again when it has flowers or pods. Keep the sheet between visits so students can compare their written observations.

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

PART 1 · NEW SPROUTS

SAY "Look at bean plants A, B, and C. They have just sprouted. For each plant, place paper clips end to end from the soil until they reach the tip, then write how many paper clips you used in its box."

- Box 1 (beside A): **The observed paper-clip count for sprout A.**
- Box 2 (beside B): **The observed paper-clip count for sprout B.**
- Box 3 (beside C): **The observed paper-clip count for sprout C.**

PART 2 · GROWN PLANTS

SAY "Weeks later, look at the same bean plants when they have flowers or pods. Measure each one with paper clips from the soil to the tip again, and write how many paper clips you used in its box. Tell me how the plants' lengths changed."

- Box 1 (beside A): **The observed paper-clip count for adult plant A.**
- Box 2 (beside B): **The observed paper-clip count for adult plant B.**
- Box 3 (beside C): **The observed paper-clip count for adult plant C.**

WHAT TO ACCEPT

Counts depend on the plants; accept numbers that match each student's measurements. Listen for a comparison of the sprout and adult lengths, and record any measuring or speaking support separately.