Plant Test Files

Predict plant growth, then compare the results.

L.1.3A.1 "Conduct structured investigations to make and test predictions about what plants need to live, grow, and repair including water, nutrients, sunlight, and space. Develop explanations, compare results, and report findings."

NAME _____ DATE _____

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

1 PREDICT GROWTH

a	A	same	B
b	A	same	B

2 CHECK RESULTS

a	B	same	A
b	same	B	A

ANSWER KEY

Plant Test Files

GRADE 1 · L.1.3A.1

HOW TO RUN THIS PAGE

Read each test setup before revealing its results. Students predict, compare the reported growth, and explain what changed. These paper records prepare students for a classroom investigation with living plants.

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

PART 1 · PREDICT GROWTH

SAY "I will read two plant tests. For each test, circle the plant you predict will grow more, or circle same if you think they will grow the same amount."

ROW	SAY	STUDENTS CIRCLE
a	In the water test, Plant A gets water, but Plant B gets none. Both have sunlight, room, and the same soil with nutrients. Which plant do you predict will grow more?	**A**
b	In the space test, Plant A is crowded, but Plant B has room. Both get water and sunlight and have the same soil with nutrients. Which plant do you predict will grow more?	**B**

PART 2 · CHECK RESULTS

SAY "Now listen to what happened in each test. Circle the plant that grew more. Then tell me aloud whether the result matched your prediction and what was different for the two plants."

ROW	SAY	STUDENTS CIRCLE
a	In the water test, Plant A grew 4 centimeters. Plant B did not grow. Which plant grew more?	**A**
b	In the space test, Plant A grew 1 centimeter. Plant B grew 4 centimeters. Which plant grew more?	**B**

WHAT TO ACCEPT

Predictions: A, then B. Results: A, then B. Listen for students to compare each result with their prediction and name water or space as the changed condition. Record any oral support separately.