Save the Paper

A quick paper-use investigation with recorded results.

E.K.10 "Students will demonstrate an understanding of how humans use Earth's resources. Participate in a teacher-led activity to gather, organize, and record recyclable materials data on a chart or table using technology. Communicate results..."

NAME _____ DATE _____

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

1 COUNT SHEETS

front	
both	

2 USE RESULTS

a

front	**both**	**back**

b

reuse	**recycle**	**trash**

ANSWER KEY

Save the Paper

HOW TO RUN THIS PAGE

Use three spare sheets of paper and a pencil to lead the investigation. Students record the number of sheets used in each test, use their data to choose a way to save paper, and explain their result aloud. Listen to each student's explanation and record any support needed separately.

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

PART 1 · COUNT SHEETS

SAY "Let's find out how many sheets two drawings need when we draw only on the front or on the front and back. Watch me make two small drawings on separate sheets, then two small drawings using both sides of paper. Count the sheets for each way, and write the number next to 'front' or 'both'."

- Box 1 (beside front): **2**
- Box 2 (beside both): **1**

PART 2 · USE RESULTS

SAY "Use the numbers you wrote to make a choice. I will read the words in each row, then you circle one word. Tell me what your numbers show about saving paper."

ROW	SAY	STUDENTS CIRCLE
a	The words are front, both, and back. Which way used fewer sheets for two drawings? Circle that word.	**both**
b	The words are reuse, recycle, and trash. If you draw on the other side of the same sheet, what are you doing? Circle that word.	**reuse**

WHAT TO ACCEPT

Accept 2 for front, 1 for both, then both and reuse. For the oral result, accept an explanation that using both sides takes fewer sheets for two drawings.