Torn Paper Detective

A teacher-led paper test of size and physical properties.

1.3.b "when a material is changed in size most physical properties remain the same; and"

NAME _____ DATE _____

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

1 LOOK CLOSELY

a

BLUE	**WHITE**	**BLACK**

b

SMALL	**BIG**	**SAME**

2 TEST IT

a

BUMPY	**ROUGH**	**SMOOTH**

b

HARD	**WET**	**FLEXIBLE**

ANSWER KEY

Torn Paper Detective

GRADE 1 · 1.3.b

HOW TO RUN THIS PAGE

Use two matching sheets of smooth white copy paper. Keep one sheet whole and tear the other into two pieces, then guide students as they compare a torn piece with the whole sheet. Students notice that the piece is smaller while its color, texture, and ability to bend stay the same.

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

PART 1 · LOOK CLOSELY

SAY "Look at the whole sheet and the torn piece. Listen to each question, then circle one big word."

ROW	SAY	STUDENTS CIRCLE
a	What color is the torn piece? The words say BLUE, WHITE, and BLACK. Which word should you circle?	**WHITE**
b	Compare the torn piece with the whole sheet. Is the torn piece SMALL, BIG, or the SAME size? Which word should you circle?	**SMALL**

PART 2 · TEST IT

SAY "Rub the front of each paper, then watch me bend each paper gently. Listen to each question, then circle one big word."

ROW	SAY	STUDENTS CIRCLE
a	How do the fronts of both papers feel? The words say BUMPY, ROUGH, and SMOOTH. Which word should you circle?	**SMOOTH**
b	Which describing word fits both papers when they bend? The words say HARD, WET, and FLEXIBLE. Which word should you circle?	**FLEXIBLE**

WHAT TO ACCEPT

Accept WHITE, SMALL, SMOOTH, and FLEXIBLE. Use smooth white copy paper so the observations are clear and consistent.