

Ramp Move Lab

Students observe how classroom objects move down a ramp and record their data.

K.1.b.i “planning and carrying out investigations make observations to collect data”

NAME _____

DATE _____

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

1 WATCH AND CIRCLE

a	ROLL	SLIDE	STAY
b	STAY	SLIDE	ROLL
c	ROLL	STAY	SLIDE

2 COUNT OUR DATA

ROLL	
SLIDE	

HOW TO RUN THIS PAGE

Make a ramp by resting one end of a book on a small stack of books. Use a round pencil, a rectangular eraser, and a book, releasing each item from the same spot without pushing. Read each row after the test, then have students record what they observed and count their data.

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

PART 1 • WATCH AND CIRCLE

SAY “We are asking, “How do things move down our ramp?” Watch each item when I let it go without a push. Circle the word that tells what you saw.”

ROW	SAY	STUDENTS CIRCLE
a	Look at the first row. We tested the round pencil. Did it roll, slide, or stay? Circle what you observed.	ROLL
b	Look at the second row. We tested the rectangular eraser. Did it roll, slide, or stay? Circle what you observed.	SLIDE
c	Look at the third row. We tested the book. Did it roll, slide, or stay? Circle what you observed.	SLIDE

PART 2 • COUNT OUR DATA

SAY “Look at your circles. How many say roll? Write that number in the first box. How many say slide? Write that number in the second box.”

- Box 1 (beside ROLL): **1**
- Box 2 (beside SLIDE): **2**

WHAT TO ACCEPT

Expected observations are pencil: ROLL, eraser: SLIDE, book: SLIDE, for totals of 1 roll and 2 slides.

Accept students' recorded observations if an item moved differently with the classroom ramp, as long as each total matches the circles.