

Push Power

Observe how a pencil moves after pushes of different strengths.

K.2.c "changes in motion are related to the strength of the push or pull."

NAME _____

DATE _____

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

1 WATCH AND CIRCLE

a	FAR	NEAR	MIDDLE
b	MIDDLE	FAR	NEAR
c	NEAR	MIDDLE	FAR

2 MATCH THE PUSH

GENTLE	•	•	MIDDLE
MEDIUM	•	•	FAR
HARD	•	•	NEAR

HOW TO RUN THIS PAGE

Place a pencil at the same starting spot on a smooth, clear desk for each demonstration. Students watch three pushes, compare how far the pencil moves, and connect the push strength to the distance traveled. 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 “Watch the pencil each time I push it from the same starting spot. Listen to each question, then circle the word that matches what you saw.”

ROW	SAY	STUDENTS CIRCLE
a	After my gentle pencil push from the starting spot, which word says how far the pencil went: far, near, or middle? Circle it.	NEAR
b	After my medium pencil push from the starting spot, which word says how far the pencil went: middle, far, or near? Circle it.	MIDDLE
c	After my hard pencil push from the starting spot, which word says how far the pencil went: near, middle, or far? Circle it.	FAR

PART 2 • MATCH THE PUSH

SAY “Look back at the three pencil pushes you watched. Draw a line from each push word on the left to the distance word on the right that matches what you saw.”

- **GENTLE** matches **NEAR**
- **MEDIUM** matches **MIDDLE**
- **HARD** matches **FAR**

WHAT TO ACCEPT

Circle-row answers are NEAR, MIDDLE, and FAR. Match GENTLE to NEAR, MEDIUM to MIDDLE, and HARD to FAR; accept clear lines that connect these pairs.