

Move It Test

A teacher-led book investigation of pushes, pulls, and motion changes.

1.7 "Force, motion, and energy. The student knows that forces cause changes in motion and position in everyday life. The student is expected to: explain how pushes and pulls can start, stop..."

NAME _____

DATE _____

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

1 TEST IT _____

a	START	STOP	TURN
b	FASTER	STOP	START
c	TURN	STOP	FASTER
d	STOP	TURN	FASTER

2 PLAN IT _____

FORCE	
CHANGE	

HOW TO RUN THIS PAGE

Read each test aloud, let students say a prediction, then conduct the test with a classroom book on a clear desk or floor. Students circle the change they observe, then plan and describe one more test using letter codes.

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

PART 1 • TEST IT

SAY “For each row, say what you think will happen before we test. Then watch or take a turn with the book, listen to the words, and circle the word that tells what happened.”

ROW	SAY	STUDENTS CIRCLE
a	The words are START, STOP, and TURN. A book is still on the desk. You pull it toward you. What change do you see? Circle the word.	START
b	The words are FASTER, STOP, and START. A book is sliding slowly. You put your hand in front and push back gently until the book does not move. What change do you see? Circle the word.	STOP
c	The words are TURN, STOP, and FASTER. A book is sliding slowly straight ahead. You give it a much stronger push in the same direction. What change do you see? Circle the word.	FASTER
d	The words are STOP, TURN, and FASTER. A book is sliding straight forward. You push its left side so it moves to the right. What change do you see? Circle the word.	TURN

PART 2 • PLAN IT

SAY “Plan one more test with the book. In the first box, write P if you plan a push or L if you plan a pull. In the second box, write S if you predict start, X if you predict stop, F if you predict faster, or T if you predict turn. Say your prediction, test it with the book, and say what happened.”

- Box 1 (beside FORCE): **P or L**
- Box 2 (beside CHANGE): **S, X, F, or T**

WHAT TO ACCEPT

Circle answers are START, STOP, FASTER, and TURN. In Plan It, accept P or L and S, X, F, or T when the student's oral plan and observed result match the chosen codes.