

Clip Count Lab

Teacher-led investigation using paper clips to measure and record book length.

K.1 "Scientific and engineering practices. The student asks questions, identifies problems, and plans and safely conducts classroom, laboratory, and field investigations to answer questions, explain phenomena..."

NAME _____

DATE _____

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

1 PLAN IT _____

a	cups	goggles	paperclips
b	sit	run	toss

2 RECORD IT _____

A	
B	

HOW TO RUN THIS PAGE

Before the activity, choose Book A with a longest side that measures exactly 6 identical paper clips and Book B with a longest side that measures exactly 8 identical paper clips, with clips placed end to end and no gaps. Students choose a useful tool and a safe action, then collect and record their measurements as numbers.

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

PART 1 • PLAN IT

SAY “We will measure the longest side of two books with paper clips. Listen to each question, then circle one word in that row.”

ROW	SAY	STUDENTS CIRCLE
a	Which item can we place end to end along a book's longest side to measure it: cups, goggles, or paper clips? Circle one.	paperclips
b	Which choice helps us measure books safely: sit, run, or toss? Circle one.	sit

PART 2 • RECORD IT

SAY “Sit with your book flat on the table. I will place identical paper clips end to end with no gaps along the longest side of Book A, and then Book B. After each count, what number did we count? Write it in the matching box.”

- Box 1 (beside A): **6**
- Box 2 (beside B): **8**

WHAT TO ACCEPT

Plan It answers are paperclips and sit. Accept 6 for Book A and 8 for Book B when the teacher uses the prepared books and identical paper clips placed end to end with no gaps.