

Measure and Match

Students choose tools, then collect and record relative-length data.

1.1.b “planning and carrying out investigations with guidance, conduct investigations to produce data identify characteristics and properties of objects by observations use tools to measure relative length, weight, volume...”

NAME _____

DATE _____

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

1 MATCH TOOLS

length

•

•

cup

weight

•

•

ruler

volume

•

•

thermometer

temperature

•

•

scale

2 CLIP MEASURE

pencil

crayon

HOW TO RUN THIS PAGE

Read each tool and property aloud in Part 1, then guide students as they choose a matching tool. In Part 2, students investigate the lengths of two classroom objects with paper clips and record the data 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 • MATCH TOOLS

SAY “Listen as I read the property words on the left and the tool words on the right. Which tool could you use to find out about each property? Draw a line to show each match.”

- **length** matches **ruler**
- **weight** matches **scale**
- **volume** matches **cup**
- **temperature** matches **thermometer**

PART 2 • CLIP MEASURE

SAY “We will measure a pencil and a crayon with paper clips. Put paper clips end to end with no spaces along each object, count the clips, and write the number in the matching box. What number did you count for each object?”

- Box 1 (beside pencil): **The number of paper clips measured along the pencil.**
- Box 2 (beside crayon): **The number of paper clips measured along the crayon.**

WHAT TO ACCEPT

Part 1 matches are length-ruler, weight-scale, volume-cup, and temperature-thermometer. In Part 2, accept each student's counted number if paper clips were placed end to end with no gaps and the count matches the classroom measurement.