ACTIVITY WORKSHEET · AGES 5–10

Count the Pencil Cup with Maya

Let's practice the Data Detective method



MAYA'S TIP

Count each tool only once.

Name _____ Date _____

DATA DETECTIVE METHOD

You'll need: Up to 12 writing tools, a pencil and crayons.

1 Ask a question

Which kind of writing tool is most common in the cup?

2 Collect data

Sort and tally pencils, pens, markers and other tools.

Pencils: _____ **Pens:** _____ **Markers:** _____ **Other:** _____

3 Organize the data

Make a bar graph. Color one square for each tool.

Pencils	
Pens	
Markers	
Other	

4 Find the pattern

Which group has the most? Which has the fewest?

_____

_____

5 Make a prediction

If you add three pencils, which group will have the most?

_____

_____

The STEM Squad

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