Playground Data Detectives

See how charts and graphs organize survey answers.

2.R.1.C "Use templates to organize the information collected (e.g., charts, graphs)."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the game names and numbers that could go into a template. Circle words that tell where information goes in the chart or graph, so you can see how a template keeps data organized.

Games at Recess

1. Ms. Lee's class wanted to learn which playground game students liked best. They asked 20 second graders to choose one game: tag, jump rope, or four square. Each student gave one answer, so the class could count fairly.

2. First, the class used a tally chart template. The left column named each game. The right column held tally marks. Tag had eight marks, jump rope had seven marks, and four square had five marks. The chart kept every answer in one place.

3. Next, students used a bar graph template. They wrote the game names along the bottom and numbers along the side. A bar for each game showed its total. The graph made it easy to compare the three groups and spot the most popular game.

2 ANSWER WITH EVIDENCE

Use the passage

1. What labels would you write in the left column of a new tally chart template for this survey?

2. What would you place in the right column next to jump rope?

3. Where do the game names and numbers go on the bar graph template?

3 YOUR TURN

Your own words

Ask five people to choose one favorite fruit each. Title: _____. Use the template below to organize the actual answers. Write each different fruit on its own row, with tally marks and a matching total; leave unused rows blank. An adult may help record answers.

FRUIT	TALLY	TOTAL

ANSWER KEY

Playground Data Detectives

GRADE 2 · 2.R.1.C

PART 1 · READ AND MARK

Underline the game names and numbers that could go into a template. Circle words that tell where information goes in the chart or graph, so you can see how a template keeps data organized. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	What labels would you write in the left column of a new tally chart template for this survey?	**Tag, jump rope, and four square.**
2	What would you place in the right column next to jump rope?	**Seven tally marks.**
3	Where do the game names and numbers go on the bar graph template?	**Game names go along the bottom, and numbers go along the side.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Example title: Favorite Fruit Survey. These example answers total five; actual survey answers may differ.

FRUIT	TALLY	TOTAL
Apples	|||	3
Bananas	||	2

Accept any clear tally chart based on five responses. The chart should include a title, category labels, tally marks, and totals that match and add to five. Five provided category rows accommodate five different fruits; unused rows remain blank. Require actual responses, not copying the sample. Check one tally per person and totals summing to five. The source survey totals 8+7+5=20 and all three source keys are supported.