

# Math Summative Assessment for Wellness Wonders



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**Assessment Title:** Math Summative Assessment

**Assessment Form:** Summative

**Type of Assessment:** Performance and Constructed Response

**Duration:** 30 minutes

**Standard (s) Assessed:** MA.E.3.2.1.3.2, MA.E.3.2.1.3.3, Information Managers, and Critical and Creative Thinkers

**Description of Assessment Activity:** This assessment is to be administered on Day 12 of the unit *Wellness Wonders*. Students will use data from the class survey (completed on Day 11) to create a pictograph and explain results from the data presented on the graph.

**Teacher Directions:**

Before the assessment:

1. Summarize data from Class Survey responses taken on Day 11 of the unit. Record the results on chart paper.
2. Make copies of the Math Summative, one per student.
3. Make copies of the Pictograph Checklist, one per student.
4. Staple Math Summative papers and Pictograph Checklist papers prior to distribution.

During the assessment:

5. See student directions.
6. Allow time for students to complete the summative.
7. Take up student papers.

After the assessment:

8. Score the student papers using the scoring method and criteria listed below.

**Student Directions:**

1. We have collected a lot of data from our Class Survey. I have recorded the data from your responses to each question on this chart. (Teacher points to chart.)
2. Let's read the results and talk about them.
3. Today we are going to use what we have learned about pictographs and surveys. You are to choose the data from **one** of the survey questions and create a pictograph to represent the results.
4. Down at the bottom of the page you are to explain the survey results for this same question.
5. When finished, use the Pictograph Checklist to self-assess your pictograph and then turn in your papers.
6. Are there any questions?
7. You may begin.

**Scoring Method and Criteria:**

Accept all reasonable representations. Use the Pictograph Checklist to assess the pictographs drawn and self-assessed by students. Student graphs should include a title, correct representation of the data, and a key for the picture symbol. Explanations of data should be clear and accurately describe the data. Students must successfully include at least three of the

four criteria for mastery. Scoring suggestion: Each criterion = 2.5 points. A score of 7.5 or higher is necessary for mastery.

Math Summative  
Wellness Wonders

Name \_\_\_\_\_ Date \_\_\_\_\_

1. Choose data results from one of the Class Survey questions and make a **pictograph** below to show the data.


2. In the space below, explain the results of the data for the survey question you chose.

Name \_\_\_\_\_ Date \_\_\_\_\_

Pictograph Checklist		
Student √		Teacher Comments
	My pictograph has a title.	
	The numbers on the tally sheet match the numbers on my pictograph.	
	I included a key for my picture symbol.	
	I wrote a correct statement to explain the survey results.	
	Additional comments:	
	Total score	