



standards based curriculum

Materials to inspire your USDA Fresh Fruit & Vegetable Program

ACCOUNTING FOR TASTE

Students sample today's FFV snack, evaluate their current opinion, then collect and graph taste test data.

Primary & Intermediate Grades

Time: 20 minutes

Before you begin...

• Gather materials

- FFV snack, including example of whole item
- Whiteboard or chart paper
- Sticky Notes and writing utensil for each student
- Large grid graph paper, optional

Instructions

1. Introduce today's FFV snack. Tell students that you will be conducting a taste test and collecting data to learn about your class's taste preferences.
2. Explain that students will taste today's snack, and then evaluate whether they
 - Love it
 - Like it
 - Don't like it yet

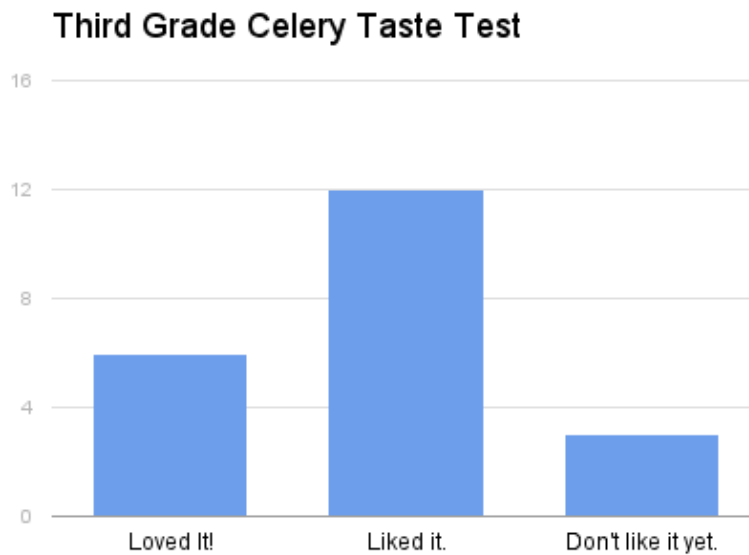
It can be helpful to explain to students that it often takes over 40 different instances of trying a new food to discover whether we like it or not! By qualifying their preference with "yet" you're supporting a growth mindset (and palate)!

3. Distribute sticky notes and today's FFV snack. Let students eat their snack. As they finish, ask them to privately evaluate if they love, like, or not yet this snack. Instruct them to write their preference on their sticky note. (Sometimes students are swayed by their peers opinions, so having them commit to a preference privately prevents biased data.)



ACCOUNTING FOR TASTE CONT...

4. On your chart paper or whiteboard, draw an X and Y axis graph, where the X axis will represent the preferences, and the Y axis will show the number of students. If your students are unfamiliar with graphs of this sort, explain the axes, variable, labels, and increments. Invite students to actively create the graph with you.
5. Once your graph is set up and labeled, invite students to place their sticky note on the graph in the appropriate spot.
6. As the graph is completed, invite students to interpret the data. Ask how many people fell into each category. Depending on your math curriculum, you can involve fractions or percentages. This can be a great time to introduce fractions to younger students as well.
7. If time allows, students can use the graph paper to copy the graph, converting from sticky notes into true bar graphs.



ACCOUNTING FOR TASTE CONT...

Extension

- Collect data from several different FFV and compare and contrast the results.
- Have students write about what the data show.

Standards Alignment

CCSS.MATH.MD.B Represent & Interpret Data

CCSS Math Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

