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| **Teacher Name: Lacy A. Henshaw**  **CTA Lesson #3**  **Title: Favorite Pizza Toppings Graph**  **Topic: Graphing**  **Grade Level: 4th grade** | | | |  |
| **Virginia Standards: Math 4.14**  **The Student will collect, organize, display, and interpret data from a variety of graphs.** | | |
| **Part 1: Strategies and Activities to meet learning objectives:** | Suggested Time:  90 minutes | Actual Time: |
| This lesson will take students through the steps of collecting data, organizing data, and displaying the data in a graph. This lesson would follow a lesson on data collection (ex. tally charts), parts of a bar graph, and the rules for creating a graph.   1. Students will survey classmates on their favorite pizza toppings from the following choices: cheese, pepperoni, sausage, mushroom, onion. 2. Have students walk around the room and collect data on a tally chart that they have created in their math journals. 3. Once the data is collected, students will create a bar graph displaying their data in their math journals. 4. Teacher will check graphs for accuracy. 5. Once the rough draft graph is completed and checked for accuracy, each student will use student laptops to create a graph using the Create a Graph App on Math Symbaloo. The web address is as follows: <https://sites.google.com/site/kzbrantley24/> 6. When the final graph is complete, students will print and turn it in to be assessed.   CTA Source  Activity: Create a Graph on Math Symbaloo  Presenter: Kim Brantley  Thursday morning session: 30 Reading/Math Tools in 30 minutes | | |
| **Part 2: Assessment**  Data collection sheet and final graph | | | |