

Ready4Success Toolkit Activities

Activity Title: Button Graphing	Learning Domain: Math-Graphing
Learning Objective/Rationale for Activity: Children will demonstrate one to one correspondence, identify which group is greater, less than or equal to the other(s) and collect data by categories by creating a class graph.	
Early Learning Content Standards Met: <ul style="list-style-type: none"> • Demonstrate one-to-one correspondence when counting objects up to 10. • Identify whether the number of objects in the group is greater than, less than, or equal to the number of objects in another group up to 10. • Collect data by categories to answer simple questions. 	
Materials: <ul style="list-style-type: none"> • Book: <i>Pete the Cat and His Four Groovy Buttons</i> • Button • Large Piece of butcher block paper, or poster board • Post-Its with children's names 	Activity Type: Whole group
Activity Description: To prepare: <ol style="list-style-type: none"> 1. Create the My favorite color button is...poster by writing the title on top of the poster board, cutting the previously printed buttons out and gluing them under the title, drawing lines down the poster to create the columns. 2. Write each child's name (and your own so you can model) on a sticky note and place all names on the wall next to the poster. After reading the book: <ol style="list-style-type: none"> 1. Tell the children you want to find out which color of Pete's groovy buttons your class likes the best. Together you will create a graph that will show which color is liked by the most students. 2. Show the children the buttons at the top of the poster and ask them to look at the colors for a minute. Tell them you need them to decide which color they like the best. 3. Retrieve the sticky note with your name on it and place it in the column button you like the best, narrating as you do, "Of all four of these colors, I think I like _____ best! Yes, I will put my sticky note with my name on it in this column to show that I like _____ color button the best." 	

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4. Call children to come up and find their name and place their name in the column button color they like the best.
5. After everyone has made their choice, as a group, count up the results in each column. Write the number (or have a child come up and write the number) in the in each column.
6. Ask the group which column has the most? Which column has the least? Which color button is liked the most?

Extension:

Before counting the sticky notes in each column ask children to estimate which column has the most, which has the least, then count and see if their predictions and estimates were correct.