

Choice Board

Data Collection and Measurement K-4

<p>Predict what kind of music the members of your family enjoy. Interview them and keep track of their responses. Remember yourself!</p> <p>Create a display of your data.</p> <p>Write about how your results compare to your predictions.</p>	<p>Pretend you bought something that costs 67 cents.</p> <p>You paid with a one dollar bill.</p> <p>How much change should you get?</p> <p>What are the different combinations of coins you might get back?</p> <p>Record to share.</p>	<p>Write each of these lengths at the top of a half sheet of paper: smaller than 6 inches, between 8 and 18 inches, about 1 foot, greater than 3 feet.</p> <p>Look for objects at home that have a length close to each of the lengths you wrote. As you find an object that matches, draw a picture of it. Write the name of the object. Write the measurement of the object alongside the object.</p>
<p>What types of measuring tools do you have at home? Find a non-standard tool to use..</p> <p>Using both tools,</p> <ul style="list-style-type: none"> • the length of your bed • the height of a table • the distance from your room to another room • the length of a favorite toy or game. <p>Record your measurements.</p>	<p>Look at the different kinds of light switch plates at home. Some have 1, 2, and so on. Count and record the kinds of light switch plates you find in each room of your home.</p> <p>For each switch plate, draw a square and put that number of light switches in the square. Share your data with your classmates.</p>	<p>Pick 5 empty plastic storage containers of different sizes from the kitchen or elsewhere in the home. You will also need a measuring cup.</p> <ul style="list-style-type: none"> • Arrange the containers in order from least to greatest volume. • Use water to prove the order. Make sure you are near a sink or bathtub for this part! • Draw pictures of the containers and write about what you did.
<p>Collect as much information as you can about your family. Try to find data that has to do with numbers.</p> <p>Think about:</p> <ul style="list-style-type: none"> • How many are in your family? • How tall are they? • What are their dates of birth? • What are their shoe sizes? • Anything else you can think of... <p>Organize your data to share.</p>	<p>Find a coin. Predict how many times the coin would land heads up and how many times it would land tails up if you flipped the coin 50 times. Write about your prediction and explain your thinking.</p> <p>Now try it out! Flip the coin 50 times and keep a tally about what happens. Write about how your prediction compared with your actual results.</p>	<p>Look around your home or find examples on the internet of tables or charts. You may find them in books, articles, newspapers, or magazines.</p> <p>Choose one to cut out or take a picture to share. Think about:</p> <ul style="list-style-type: none"> • What is it used for? • Who would use it? • What do the row headings tell about? The column headings? • Could you explain to someone else how to use it?

I liked the activity _____ because _____.

I struggled with the activity _____ because _____.