

# **Thank you for downloading my Data Collection and Graphing Activity!**

In my classroom, I love to give my students activities that are hands-on and relate to their lives. This activity is a great way to do just that! It is fast, free and is all about them!

I have the students gather the information about each other on their worksheets using tic marks. This usually takes about 10 minutes.

After that, I have them split into groups of 4 and assign each group a question to graph onto chart paper. You can also assign what kind of graph they will do as well, to make sure that each type is represented.

I then have them do a mini-presentation of their poster and a gallery walk, so that they can record different graphs. They have to make sure to get one of each type!

If you wanted to extend it, you could have them make conclusions about each question.

I love to keep this activity in my back pocket for those days when you need a quick and easy activity!

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# Classmate Data Collection And Graphing Activity

Data is the information gathered during an investigation.

First, you are going to practice gathering data and making a data table.

Next, you will graph the data in 3 ways- bar graphs, line graphs and pie charts.

**Part 1-** Using the chart below, collect the following information from your classmates. You can use tick marks to count each person!

<b>Data to be collected</b>				
What is your hair color: red, black, brown, blonde?	<b>Red</b>	<b>Black</b>	<b>Brown</b>	<b>Blonde</b>
What is your eye color: brown, black, hazel, blue?	<b>Brown</b>	<b>Black</b>	<b>Hazel</b>	<b>Blue</b>
What is your favorite shape : square, circle, triangle, squiggle?	<b>Square</b>	<b>Circle</b>	<b>Triangle</b>	<b>Squiggle</b>
What is your favorite color : blue, red, green, purple?	<b>Blue</b>	<b>Red</b>	<b>Green</b>	<b>Purple</b>
What is your favorite school subject: math, reading/writing, science, history?	<b>Math</b>	<b>Reading/ writing</b>	<b>Science</b>	<b>History</b>
What is your favorite drink: water, flavored water, soda, coffee?	<b>Water</b>	<b>Flavored water</b>	<b>Soda</b>	<b>Coffee</b>
What is your favorite movie: action, horror, Sci-fi, comedy?	<b>Action</b>	<b>Horror</b>	<b>Sci-fi</b>	<b>Comedy</b>



