You are going to be collecting your own data based on the students in your $7^{\text {th }}$ grade class! Based on the student responses, you will create a bar graph and a pie chart with a partner. The bar graph will be created to show the number of students that like to do a certain after-school activity and the pie chart will show the percentage of students that enjoy each activity out of the entire $7^{\text {th }}$ grade.

## WHAT YOU NEED:

- We will collect student responses in class for $1^{\text {st }}, 2^{\text {nd }}, 7^{\text {th }}$, and $8^{\text {th }}$ hours in class.
- You will need to tally up all the information, and find the percentages.
- To find the percentages, you will need calculate for every activity: $\frac{\text { the number of students that enjoy the activity }}{\text { the total number of students in 7th grade }}=$ decimal $\rightarrow$ percent
- You will create a bar graph and a pie chart. We will be creating the graphs on Microsoft Word in the computer lab on TUESDAY, OCTOBER $\mathbf{1 7}^{\mathbf{T H}}$. You will need to have your totals and percentages figured out BEFORE then.

|  | Play <br> Sports school <br> Clubs | Be outside | Hangout <br> with <br> Friends | Earn <br> Money | Spend time <br> on Social <br> Media/Phone | Watch TV | Total <br> Students |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{1}^{\text {st }}$ Hour |  |  |  |  |  |  |  |
| $2^{\text {nd }}$ Hour |  |  |  |  |  |  |  |
| $7^{\text {th }}$ Hour |  |  |  |  |  |  |  |
| $8^{\text {th }}$ Hour |  |  |  |  |  |  |  |
| Totals: |  |  |  |  |  |  |  |
| Percentages: |  |  |  |  |  |  |  |

