## Student Favorite Activities

You are going to be collecting your own data based on the students in your  $7^{th}$  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  $7^{th}$  grade.

## WHAT YOU NEED:

- We will collect student responses in class for 1<sup>st</sup>, 2<sup>nd</sup>, 7<sup>th</sup>, and 8<sup>th</sup> 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:  $\frac{\textit{the number of students that enjoy the activity}}{\textit{the total number of students in 7th grade}} = \textit{decimal} \rightarrow \textit{percent}$
- 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 17**<sup>TH</sup>. You will need to have your totals and percentages figured out BEFORE then.

	Play Sports/School Clubs	Be outside	Hangout with Friends	Earn Money	Spend time on Social Media/Phone	Watch TV	Total Students
1 <sup>st</sup> Hour							
2 <sup>nd</sup> Hour							
7 <sup>th</sup> Hour							
8 <sup>th</sup> Hour							
Totals:							
Percentages:							=100%