Topic: Chicago Weather
Goal(s): 6,8,10
Skills: Fractions and percents

What's the context?
Famous People

Which data will students use?
Famous Chicagoans

What will students learn from this project?

Know how – what will they be able to do better?
Create fractions and change them to percentages

Know what – what idea(s) will they clarify through the project?
Discover diversity of occupations of famous individuals from Chicago

What's the challenge?
1). Count the total number of famous Chicagoans within the table.
2). Choose 5 professions and count the number of famous Chicagoans in each.
3). Create five separate fractions to represent the number of individuals in the five professions you chose as a fraction of the total number of famous individuals. For example if there are 100 total famous people and five are singers, your fraction of singers would be 5/100 or 1/20. This can then be converted to a decimal equal to .05 which is the same as 5 percent.
4). Change each of these fractions to percents.
5). Using the percents calculated above, create a circle graph to illustrate, proportionally, how the famous people you chose fit in.

Checkpoint: Pair up with another student and check each other's calculations for accuracy, and circle graphs for clarity. Write about any trends you observe in the types of famous people coming out of Chicago.