

INQUIRING MINDS WANT TO KNOW . . .

For this integrated Math and English assignment, you and a partner will be collaboratively developing a question (with instructor guidance) and conducting research to explore the answer to that question using arithmetic, and you will be using that data to write a short report, which presents and interprets the results. You will also present your findings to the class.

Sample research questions:

- Do most students at this college work part time or full time?
- What are the age (and/or ethnicity and/or gender) breakdowns of our student body?
- What ratio of students take evening, weekend, and/or distance learning classes?
- What are the most popular "majors" or "programs" for students at this college?
- What towns do your classmates come from?
- What times are the busiest in the Math Center or Writing Center?
- Is it possible to add parking spaces in the current lot?
- When is the parking lot the most full?
- What is the ratio of NS, SS, HUM, Basic Skills, and Elective courses offered this term?
- Is there enough space in the student lounge for an espresso bar?

You will want to select a question that you can answer by measuring, counting, surveying, or some other means that enables you to utilize addition, subtraction, multiplication, division, fractions, mixed numbers, and/or decimals.

Process/requirements:

1. Develop a research question
2. Create a plan/tool for finding needed information
3. Conduct research
4. Calculate results
5. Write a brief (approx. 1 page, double spaced) report which includes the following information:
 - a. Your research question
 - b. A brief description of your research method
 - c. Your results (data)
 - d. Your analysis/interpretation of those results (Can you answer your research question? Do you feel the results are accurate? What other research might be useful? Why do you think you got the results that you did and/or what did you learn from these results? Do you have any suggestions or recommendations for action?)
6. Create a poster which presents your data in graph or chart form
7. Present your findings to the class (approx. 3 - 5 min. presentation following format of your written report)

Due dates: