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- a. Description: My project involves collecting various samples of rocks and minerals that were found in Iowa. I will use this collection in my General Science class.
- b. Objectives/Goals: The goal is to engage students in their thinking and questioning process; help them learn more about the scientific process and scientific investigation. Ultimately, students should be curious after looking at these various rocks and minerals and want to learn more about them.
- c. Implementation: I will have the collection split up, with an even amount of each type of rock or mineral at each of eight lab stations. The students working together in their group will create a question and answer sheet.
 - i. First, the students will write down what questions they have about their pile of rocks. Along with that, what observations led to their questions? What made them think about that question? Did they organize their pile in a certain way and why?
 - ii. Second, what will they need to answer their questions? Do they need more information from the teacher? Do they need certain materials to answer their questions? Do they need to do physical research or experiments? Do they need to research the Internet or interview other people?
 - iii. Third, do they think it's possible to find answers to each of their questions? Why or why not?

Using these sheets, I will help the students narrow down which question may be best for them to investigate.

d. Evaluation: Students will hand in lab reports and will be assessed on their content and communication skills. Also, could someone else understand what question they asked and then proceed to follow their instructions to answer the question.