**Scientific Method Homework**

1) Explain why the scientific method is generally regarded as the best way to conduct scientific research.

2) As you know, the scientific method involves a number of clearly-defined steps. If somebody is describing a relatively simple experiment, why would you still need to follow all of these steps?

3) Look at your hand and describe it using two pieces of qualitative data and two pieces of quantitative data.

4) I think that I can get my neighbor to be quiet if I bonk him on the head with a block of cheese. In this experiment, what are the independent and dependent variables?

5) On the opposite side of this page, imagine an interesting problem that the scientific method could be used to solve. Use your imagination about what might happen if you perform this experiment.