

Scientific Method Survey Project #1

You will be coming up with a survey that follows the scientific method outlined in Chapter 2.3 of your textbook. This will be your last major grade of the 6 weeks and remember everything turned in to me must be **Creative (looks goo), Innovative (looks different) and Organized (followed directions)!!!**

1. Identify the Problem/Topic (Daily Grade, Due 09.21.11 ATBOTP):

- Your group has to choose a topic that affects your age group at this point in time (manifest function).

2. Review the Literature (Daily Grade, Due 09.21.11 ATBOTP):

Each person in your group has to produce two articles from any publication that has information on the topic your group chooses (if you have three people in your group, which means you have to have six articles☺). The article has to be at least one full page in length (ads inside the article don't count☺) and answer the following questions: 1.

What group is the focus of the story? 2. Why was this article written?

- Article One
 - What group is the focus of the story?
 - Why was the article written?
- Article Two
 - What group is the focus of the story?
 - Why was the article written?

3. Formulate Hypothesis (Daily Grade, Due 09.22.11 ATBOTP):

Your group will have to come up with a “testable” statement, something that can be **proven true** or **false** through your survey. This statement will be **different** than your topic.

- Testable Statement that can be proven true or false

4. Develop a Research Design and Collect Data (Daily Grade, 09.22.11 ATEOTP):

- a. You will construct a 20 question survey that will answer your **testable statement (all 20 questions must focus on your testable statement)**:
 - Five open-ended quantitative (#'s) questions (Don't use wide ranges).
 - Five closed- ended quantitative (#'s) questions with **five** options.
 - Five qualitative (like) closed-ended questions **with** five options.
 - Five qualitative (like) open ended questions.
- b. Make sure your survey will give you “testable results.” The choices for your qualitative and quantitative closed-ended questions should be able to give you “testable” results (mode, median, mean).

5. Type out your survey, must be on the **front page only**, you may use columns if you like (Major Grade, 09.27.11 ATBOP), if you don't have a survey, you will receive a “0” for a major grade and work on a research paper for the next part of the project.

- You will type out your survey, **must be on the front page only**, you may use columns if you would like.
- Each set of five questions will have instructions for what you are looking for. (ex. Answer the following open-qualitative questions.)
- Questions will be grouped according to type of question you are asking (ex. All open-ended quantitative questions will be together.)