

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

### **Scientific Method Quad Fold**

*You will create a booklet to demonstrate your understanding of the scientific method. You must think of an experiment that you could test using the scientific method. Your booklet will explain what you will do at each step of your experiment in both words and pictures.*

- 1. Use two pieces of colored paper to create your booklet. Your teacher will demonstrate how to fold the paper for your project.*
- 2. On the first flap (the cover) you will write the title “The Scientific Method”. You will also write your name and period.*
- 3. Draw a line down the middle of each of the three remaining flaps to divide them into two boxes. On each of the flaps you will write two steps of the scientific method on the part of the flap that is visible:*
  - a. Flap One: “Identify and research a problem” and “Form a hypothesis”*
  - b. Flap Two: “Experiment” and “Analyze Data”*
  - c. Flap Three: “Draw Conclusions” and “Communicate Results”*
- 4. Using your experiment, you will create a picture **AND** write a description of what you would be doing at each step.*
  - a. For example, if your experiment was about how fertilizer affects plant growth, you may show in the first box (Identify and research a problem) a picture of you looking at plants and write a description of what you are doing in two to three sentences.*
- 5. Your booklet must be both neat and colorful to earn full points. Spelling, grammar, and punctuation also count. If you are unsure how to spell a word look it up in the dictionaries on the shelf!*
- 6. Examples of completed booklets are available, however, you may use them only as a guide for format. **DO NOT USE THEIR EXPERIMENT!***