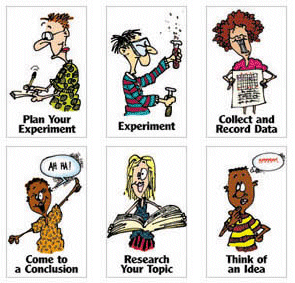
Project title: Name Partner name

Science Projects **Framing your Experiment**



You have done the groundwork (identify your interests, community issues, and science standards) and foundation (identify the three variables and the research question) for your science projects. The next goal is to write a hypothesis and come up with a list of the materials you will need in order to carry out your experiment. Remember that your hypothesis should show what you think to be the relationship between your manipulated and responding variables in a format that begins “I predict that…”. Here’s the example that we used in class…

**Manipulated variable**—The size of the car’s engine

**Responding variable**—The top speed of the car

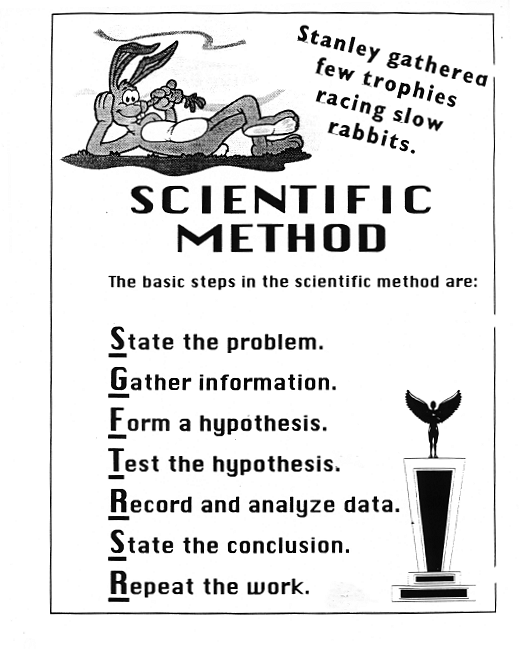
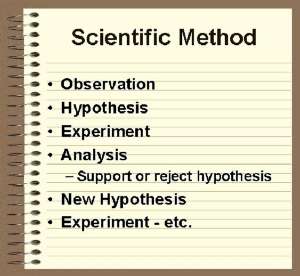
**Hypothesis**—I predict that if the size of the car’s engine is increased that the top speed of the car will

also increase.

**Our manipulated variable** (from foundation worksheet last time)**:**

**Our responding variable** (from foundation worksheet last time)**:**

**Our current hypothesis:**



**Materials list** (continue on reverse)**:**