The Scientific Method

**Purpose**: The question we are trying to answer or a problem to be solved. A hypothesis to be tested.

**Hypothesis**: A prediction that is phrased in a positive way (will vs. won’t) and answers why.

**Materials**: Everything used during the experiment.

**Procedure**: Every step performed during an experiment.

**Observations**: Everything seen, heard, touched, smelled and/or tasted (where appropriate) during an experiment.

**Results**: A graphical portrayal of significant observations. (Graph, chart, diagram, picture, etc)

**Conclusions**: The answer to the original question. Is the hypothesis supported or negated? What new information was learned? What questions do you have?