

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?