



Scientific Method

1. DEFINE THE PROBLEM
 - Ask the questions you want answered
2. GATHER INFORMATION
 - Recall prior experiences (direct)
 - Make observations
 - Read about the topic
3. FORMULATE HYPOTHESES--GUESSES
 - Tentatively answer questions from the information gathered
4. TEST HYPOTHESES
 - Devise experiments
 - List observations to be made
 - Carry out experiments/observations
5. ORGANIZE DATA COLLECTED FROM EXPERIMENTS/OBSERVATIONS
 - Graphs
 - Charts
 - Tables
6. INTERPRET DATA
 - Draw conclusions
7. MAKE A REPORT SUPPORTING OR DENYING HYPOTHESES