

# Steps of the Scientific Method

- ① Question/Problem
  - answered by an investigation
- ② Background Research
- ③ Hypothesis
  - reasonable + testable ←
  - "If...then...because..."
- ④ Materials
- ⑤ Procedure
  - be specific!!
  - repeat at least 3 times
- ⑥ Data
- ⑦ Conclusion
  - Summarize results
  - tell if hypothesis was correct or incorrect
  - \* why (back up with data)
- ⑧ Application/Share results
  - ↳ how can this new information be useful in the "real world"?

NOT: ~~A~~ believe  
think

If wrong,  
revise +  
re-test