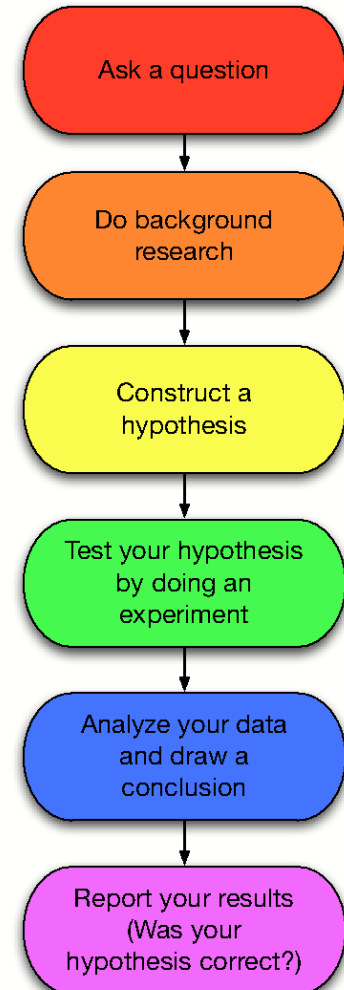
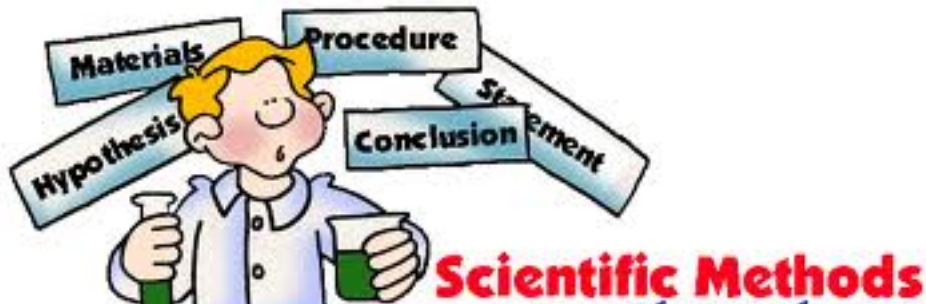
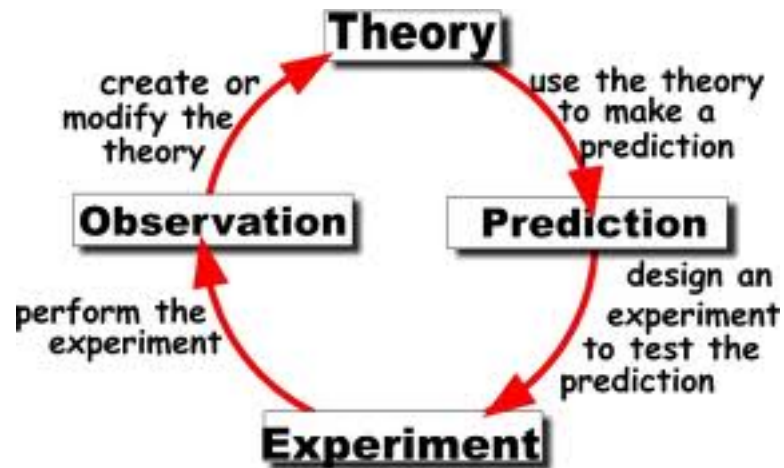


# The Scientific Method



# Scientific Method

- A general process scientist use to explain the world around us.
- It is a logical method of problem solving that follows certain steps.



# 1. Ask a Question

- Identify a problem
- Create a specific question that is possible to answer.



## 2. Research the question

- Find out what is already known about the problem.



# 3. Construct a hypothesis

- A hypothesis is a possible answer to a scientific question.
- Educated guess.



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“When can I stop making wild guesses and start making educated guesses?”

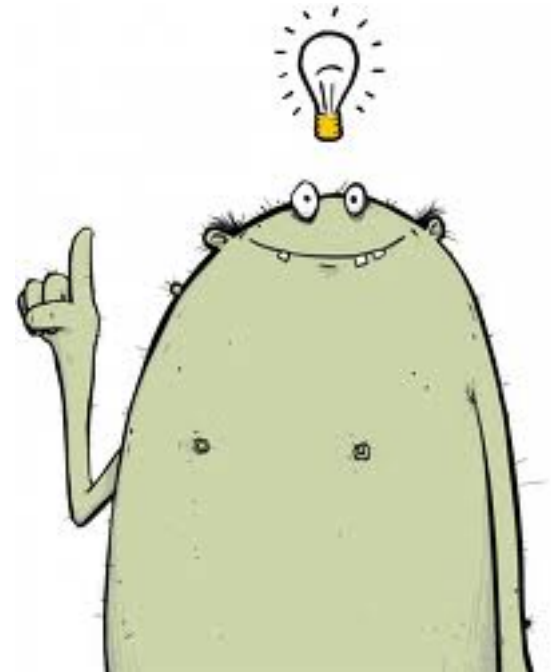
# 4. Test the hypothesis

- Do an experiment to see whether the hypothesis is true.
- Other people need to be able to duplicate your experiment.



# 5. Draw a conclusion

- Determine whether the hypothesis is true or not depending on the result of the experiment.



# 6. Communicate your results

- Scientist share the results of their research to improve our overall knowledge

