

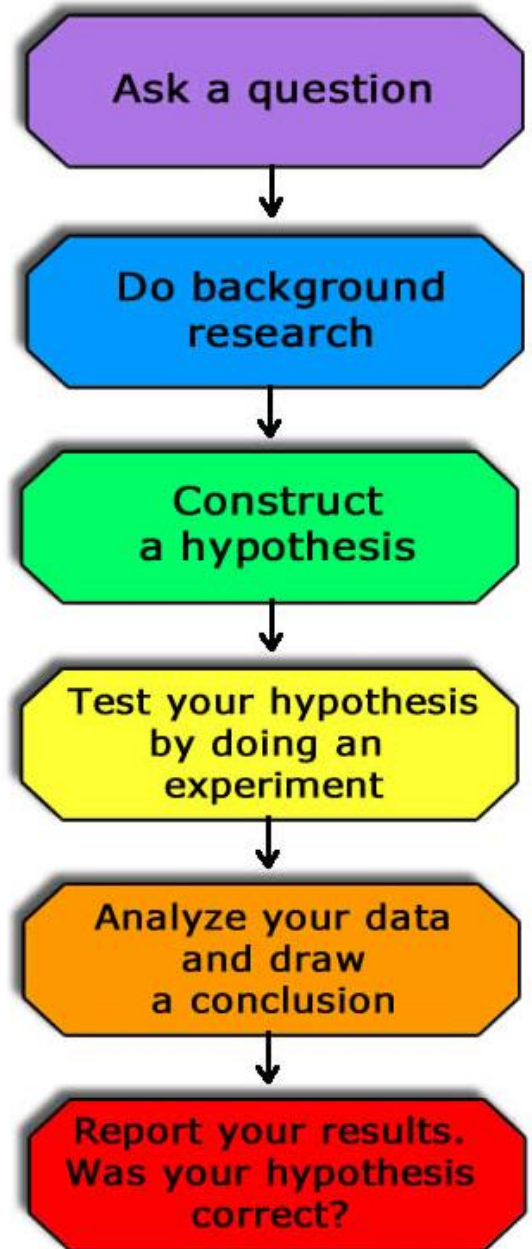
WARM-UP 8/29

- Give an example for each of these characteristics of life:
 - Homeostasis
 - Adaptation

(Answer this on your Unit 1 Warm-Up page. Use complete sentences.)

WHAT IS THE SCIENTIFIC METHOD?

- Techniques used to ask and answer scientific questions
- This is how scientists try to understand the world



HYPOTHESIS

- Formed AFTER research/data collection/ observations
- Must be TESTABLE
- You do not PROVE a hypothesis, you simply SUPPORT it
 - Can only support AFTER analyzing data

HOLY DISCOVERY BATMAN!

- The professor in charge of the lab you work in has recently discovered a new SPECIMEN!
- There's just one problem- she doesn't know if this new...thing...is LIVING or NON-LIVING!



YOUR MISSION...

- Design an experiment to answer this experimental question:
 - **IS THE UNKNOWN SPECIMEN ALIVE?**
- Remember to follow the steps of the Scientific Method!
- You should include:
 - Hypothesis
 - Materials
 - Procedure (How will you collect your data? What characteristics of life will you test for?)
 - Fake Results and Summary