

# Kentucky Class Notes

*Earn an A+ with Class Notes  
http://KyClassNotes.com  
859.252.NOTE*

**A&S 300 Krupa  
Fall 2010  
Test 1**

---

8-26-10:

**THEORY:** A comprehensive explanation of some aspect of nature that is supported by a vast body of evidence and that generates testable and falsifiable predictions. (Webster's definition)

**FACT:** Some form of evidence that has been tested and confirmed so many times that there is no compelling reason to keep confirming it. (Webster's definition)

Homework is to read chapter 1

## **READING TIPS ON CHAPTER 1**

- PAGE 7: HIV chart- Understand how it happens but not in detail
- Understand the questions the book asks for the subtitles in each section
- PAGE 4: How did HIV start, how was it spread, what is its history
- What is HIV
- PAGE 8: How does HIV turn into AID's- how you get AID's from HIV
- PAGE 11: Why ATZ works in the short term but fails in the long run
  - Look at figure 1.14 how is this an example of natural selection by sexual selection
- PAGE 16: Why is HIV fatal
- PAGE 22: Why are some people immune to HIV
- PAGE 25: Origin of HIV
  - SIV is simian version of HIV
- PAGE 27: Why isn't there a HIV vaccine yet since it has been around so long

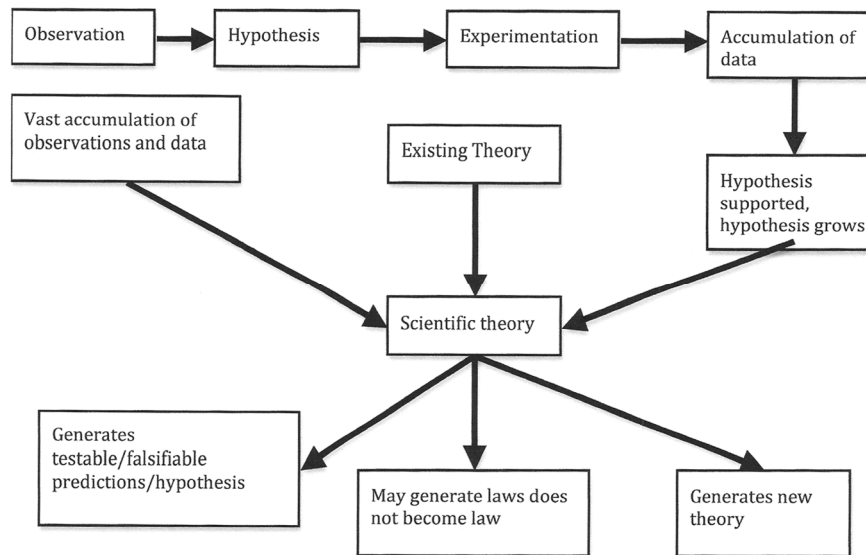
**KNOW THE SCIENTIFIC METHOD** (Krupa puts a flow chart up in his power point explaining this)

---

# Kentucky Class Notes

Earn an A+ with Class Notes  
<http://KyClassNotes.com>  
859.252.NOTE

A&S 300 Krupa  
Fall 2010  
Test 1



## IMPORTANT PEOPLE TO EVOLUTION

- William Jennings Bryan- leading and initial apposition of evolution. He made teaching evolution illegal in Kentucky and punishable by prison.
- University of Kentucky President Frank McVey- thought Bryan's law prevented Biology students from learning and took it as an attack on the University. He stood for educational freedom.
- William D. Funkhouser- a Zoologist at UK who fought for evolution to be taught at the University and was also a major part of the scopes trail (most famous evolution trial).
- Arthur Miller- Geologist- fought for evolution at UK, also a major part of the scopes trial.
- Granville Terrell-Philosophy- Fought for evolution at UK but was not as involved as the others previously mentioned.