

SCIENTISTS DON'T JUMP TO CONCLUSIONS

AT&T 3:53 PM

Jump to Conclusions

???	JUMP AGAIN	STRIKE OUT
COULD BE	LOSE ONE TURN	YES!
NO!	ACCEPT IT	GO WILD
ONE STEP BACK	THINK	MOOT!



OBSERVE

As scientists we **OBSERVE** what is going on. We take notes, leaving our personal biases out of it.

HYPOTHESIS

Then we develop a **HYPOTHESIS**. This should be able to be worded as "I think that... because..." and this should be developed from your observations (your observations should support it)

FIND A WAY (TEST)

Scientists then need to **FIND A WAY (TEST)** to figure it out. This should be a controlled experiment, where only one variable (independent) is changed, and a control group is used.

COLLECT EVIDENCE

As you conduct your controlled experiment you **COLLECT EVIDENCE**. Collect in an organized manner so that you can analyze it after the experiment is over. Then you can organize your data in a way that is clear to others, a graph.

CONCLUDE

After looking over your data you can **CONCLUDE**. You can give an explanation that is supported by evidence that you have gathered. _____ occurs because _____.

If you are a good scientist, which all of us are, we will

DEVELOP FURTHER QUESTIONS

DEVELOP FURTHER QUESTIONS to dive deeper into the topic we are studying.



Figure 1 "jump to conclusions mat." rawapps. Web. 29 Mar 2011. <<http://a1.phobos.apple.com/us/r1000/036/Purple/42/6b/1d/ml.zl.jjgyakv.480x480-75.jpg>>