## Scientific Method

A way of thinking in	which scientists tollow steps to
<u>answer</u>	questions and
- Solve	problems.
Problem	(ask a question)
	(conduct research)
Hypothesis	(formulate an educated guess)
Experiment	(test hypothesis)
Observation	(collect data)
Conclusion	(analyze and report results)
Retest	(retest based on results)
Start with a <u>PROBLEM</u> (What is it that we are trying to figure out?)  * usually stated as a question NEVER yes or no types of questions	
The form of the question should be: Which or How will the	
) independent	variable affect the
or) dependent	varíable.
Examples:	
	DV  affect the distance the car will travel from
he end of the ramp?	
Which ratio of salt to water will fr	reeze in the shortest amount of time?