

Scientific Method Quiz

Name _____ Date _____ Class _____

Hypothesis

Analysis

Retest

Question

Research

Experiment

Conclusion

Part I: List the steps of the scientific method in order.

1.	
2.	
3.	
4.	
5.	
6.	
7.	

Word Bank 8-10: Retest Conclusion Observations	
8.	The part of the scientific method in which you answer your questions and share your results. _____
9.	You use your five senses to make these. _____
10.	You do this to see if you get the same results from the experiment. _____
Word Bank 11-13: Question Analyzing data Research	
11.	Organizing your data into tables and graphs and looking to see what your data tells you. _____
12.	Gathering information on your subject. _____
13.	The problem or objective for your activity. _____
Word Bank 14-16: Independent variable Experiment Hypothesis	
14.	The step in which you are testing your hypothesis. _____
15.	The possible answer or explanation to a question. _____
16.	The "thing" you are testing in an experiment. _____
Word Bank 17-20: Dependent variable Everyone Control group	
17.	The part of the experiment in which you leave out the independent variable. You do this to the experimental group. _____
18.	What you are measuring to determine the effect of the manipulated variable. Also the responding variable. _____
19.	The variables that stay the same to keep the experiment fair. Ex: same amount of sunlight.... <u>Control Variable</u>
20.	Who is a scientist? _____

