Vocabulary: Biology Unit: Date:

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| **Picture** | **Word** | **Definition** |
| http://assets.baymard.com/blog/ab-testing-problem-hypothesis-full-size.png | Hypothesis | Educated guess.  --- If….then…..  ---Test hypothesis by performing a controlled experiment |
| http://icons.iconarchive.com/icons/visualpharm/icons8-metro-style/256/Debug-Variable-icon.png | Variable | Anything that can be changed in an experiment that can affect the outcome of an experiment |
| https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcQlSBLD_Ew7MOZ1_acJlDv7snrKibkaYabNZoGGiriD-RTSEFTI | Independent variable | The variable that is changed in an experiment in order for to test its effect on the outcome.  --The cause.  --If……  --Manipulated variable |
| http://www.glencoe.com/sec/science/sc_interactions/si_skillhandbook/ss/images/33.gif | Dependent variable | The variable (outcome) of an experiment that depends on the independent variable.  ---The effect  ---Then……  ---Responding variable |
| http://science.halleyhosting.com/sci/soph/scimethod/pics/plantexpt.gif | Control | The test set up that has no changes.  --Used to compare the test set ups in an experiment. |
| http://00.edu-cdn.com/files/static/wiley/9780471419204/CONTROLLED_EXPERIMENTS_03.GIF | Controlled experiment | An experiment that only tests one variable at a time.  ---Includes a control group and test groups |
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