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| **Question/Main Idea** | **Notes/Details** |
| What is the ***Scientific Method?*** | ­­\_\_\_\_\_\_\_\_\_\_\_\_ steps to solve a problem   * Problem solving method * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Scientific Inquiry Process |
| What is a ***hypothesis***? | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Possible answer to your problem * Possible \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for a set of observations |
| Define ***experiment*** | Series of steps followed that \_\_\_\_\_\_\_\_\_\_ a hypothesis under controlled conditions   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Test |
| What is ***data***? | Information collected during the experiment   * Facts * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Evidence |
| Describe ***technology*** | Use of science for improving \_\_\_\_\_\_\_\_\_\_\_ |

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| What is the experimental group? (***Dependent Variable)*** | Group being tested that contains the “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable” |
| What is the ***control group***? | Group that does \_\_\_\_\_\_\_ contain the “manipulated variable”   * Standard for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| What is the ***independent variable?*** | Variable that is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or responds to a change in the manipulated variable in an experiment   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable * DV |
| What are ***constants***? | All other factors in an experiment that are kept the \_\_\_\_\_\_\_\_\_\_ in the experimental and control groups   * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| How do you show your test results? | * Charts * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Graphs |
| What is included in your ***conclusion***? | * Restate your hypothesis * Decide whether your hypothesis was \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_ |
| How do you communicate your findings/***results***? | * Scientific meetings * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |