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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
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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