

|                   |                   |                    |                    |                                    |
|-------------------|-------------------|--------------------|--------------------|------------------------------------|
| <b>B</b>          | <b>I</b>          | <b>N</b>           | <b>G</b>           | <b>O</b>                           |
| Theory            | Communication     | Experiment         | Qualitative        | Observation                        |
| Control Group     | Scientific Method | Problem (Question) | Conclusion         | Research                           |
| Variables         | Conclusion        | <b>FREE</b>        | Hypothesis         | Independent "Manipulated" Variable |
| Repeatable        | Materials         | Procedure          | Experimental Group | Prediction                         |
| Constant Variable | Quantitative      | Data               | Verifiable         | Dependent "Responding" Variable    |

|                                       |                                          |             |                       |                   |
|---------------------------------------|------------------------------------------|-------------|-----------------------|-------------------|
| <b>B</b>                              | <b>I</b>                                 | <b>N</b>    | <b>G</b>              | <b>O</b>          |
| Variables                             | Verifiable                               | Conclusion  | Materials             | Control Group     |
| Qualitative                           | Independent<br>"Manipulated"<br>Variable | Experiment  | Prediction            | Conclusion        |
| Hypothesis                            | Communication                            | <b>FREE</b> | Experimental Group    | Procedure         |
| Dependent<br>"Responding"<br>Variable | Theory                                   | Data        | Repeatable            | Constant Variable |
| Observation                           | Graphs                                   | Research    | Problem<br>(Question) | Scientific Method |

|                   |                    |                                    |                                 |             |
|-------------------|--------------------|------------------------------------|---------------------------------|-------------|
| <b>B</b>          | <b>I</b>           | <b>N</b>                           | <b>G</b>                        | <b>O</b>    |
| Repeatable        | Experimental Group | Variables                          | Dependent "Responding" Variable | Qualitative |
| Quantitative      | Research           | Verifiable                         | Materials                       | Conclusion  |
| Procedure         | Conclusion         | <b>FREE</b>                        | Hypothesis                      | Experiment  |
| Graphs            | Observation        | Constant Variable                  | Communication                   | Theory      |
| Scientific Method | Problem (Question) | Independent "Manipulated" Variable | Prediction                      | Data        |