

|                |                   |                      |                          |                         |
|----------------|-------------------|----------------------|--------------------------|-------------------------|
| <b>B</b>       | <b>I</b>          | <b>N</b>             | <b>G</b>                 | <b>O</b>                |
| Senses         | Accepted          | Dependent Variable   | Quantitative Observation | Inference               |
| Control Group  | Scientific Method | Lab Safety           | Cause; Input             | Qualitative Observation |
| Replicate      | X Axis            | <b>FREE</b>          | Conclusion               | Graphs                  |
| Hypothesis     | Rejected          | Independent Variable | Experiment               | Key                     |
| Effect; Output | Constant          | Procedure            | Y Axis                   | Data                    |

|                         |                 |                             |                      |                            |
|-------------------------|-----------------|-----------------------------|----------------------|----------------------------|
| <b>B</b>                | <b>I</b>        | <b>N</b>                    | <b>G</b>             | <b>O</b>                   |
| X Axis                  | Cause;<br>Input | Quantitative<br>Observation | Control<br>Group     | Lab<br>Safety              |
| Dependent<br>Variable   | Y Axis          | Inference                   | Constant             | Qualitative<br>Observation |
| Hypothesis              | Conclusion      | <b>FREE</b>                 | Graphs               | Accepted                   |
| Experiment              | Procedure       | Senses                      | Data                 | Rejected                   |
| Independent<br>Variable | Key             | Replicate                   | Scientific<br>Method | Effect;<br>Output          |

|           |                            |                             |                      |                       |
|-----------|----------------------------|-----------------------------|----------------------|-----------------------|
| <b>B</b>  | <b>I</b>                   | <b>N</b>                    | <b>G</b>             | <b>O</b>              |
| Constant  | Procedure                  | Cause;<br>Input             | Key                  | Conclusion            |
| Senses    | Hypothesis                 | Independent<br>Variable     | Scientific<br>Method | Inference             |
| Replicate | Data                       | <b>FREE</b>                 | Rejected             | Experiment            |
| X Axis    | Qualitative<br>Observation | Quantitative<br>Observation | Y Axis               | Dependent<br>Variable |
| Graphs    | Accepted                   | Lab<br>Safety               | Control<br>Group     | Effect;<br>Output     |