

|                      |                     |                      |                    |                    |
|----------------------|---------------------|----------------------|--------------------|--------------------|
| <b>B</b>             | <b>I</b>            | <b>N</b>             | <b>G</b>           | <b>O</b>           |
| trials               | Controlled Variable | Conclusion           | Observation        | inference          |
| area                 | Graphs              | responding variable  | control group      | Hypothesis         |
| grams                | pH level            | <b>FREE</b>          | Dependent Variable | carbonation        |
| Research the problem | Scientific Method   | manipulated variable | acidity            | experimental group |
| meter                | Procedure           | Problem              | bunsen burner      | Prediction         |

|                     |                     |             |                      |                     |
|---------------------|---------------------|-------------|----------------------|---------------------|
| <b>B</b>            | <b>I</b>            | <b>N</b>    | <b>G</b>             | <b>O</b>            |
| Dependent Variable  | Experiment          | carbonation | area                 | acidity             |
| Data                | pH level            | inference   | Research the problem | Scientific Method   |
| responding variable | Controlled Variable | <b>FREE</b> | trials               | bunsen burner       |
| Variables           | Hypothesis          | Prediction  | experimental group   | triple beam balance |
| grams               | control group       | meter       | Graphs               | Conclusion          |

|                    |                     |                   |                      |                    |
|--------------------|---------------------|-------------------|----------------------|--------------------|
| <b>B</b>           | <b>I</b>            | <b>N</b>          | <b>G</b>             | <b>O</b>           |
| acidity            | Graphs              | carbonation       | thermometer          | Dependent Variable |
| volume             | triple beam balance | Hypothesis        | Data                 | inference          |
| control group      | Observation         | <b>FREE</b>       | Controlled Variable  | trials             |
| area               | grams               | Scientific Method | Research the problem | Problem            |
| experimental group | meter               | Variables         | Conclusion           | Experiment         |