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|  | Excellence | Good work | Basic work | Insufficient work | Comments |
| Title page | All six elements are present:   * Title * Date * Name * Partner(s) name * Class * Teacher | Five elements are present:   * Title * Date * Name * Partner(s) name * Class * Teacher | 4 elements are present:   * Title * Date * Name * Partner(s) name * Class * Teacher | Less than 4 elements are present:   * Title * Date * Name * Partner(s) name * Class * Teacher | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Problem | Your problem is stated as a **question** that you will attempt to answer using the *Scientific Method*. It includes all variables. (manipulated, responding and controlled) | Your problem is stated as a **question** that you will attempt to answer using the *Scientific Method*. It is missing the controlled variables. (manipulated, responding and controlled) | Your problem is stated as a **question** that you will attempt to answer using the *Scientific Method*. It does not include any of the variables. (manipulated, responding and controlled) | Your problem is NOT stated as a **question** that you will attempt to answer using the *Scientific Method*. It does not include any of the variables. (manipulated, responding and controlled) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Hypothesis | A hypothesis is, in complete sentence(s) stated. The hypothesis is also supported by strong and researched arguments. | A hypothesis is, in complete sentence(s) stated. The hypothesis is also supported by weak arguments. | A hypothesis is, in complete sentence(s) stated. The hypothesis is not supported. | No hypothesis is stated. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Variables | All variables are CORRECTLY indicated. Variables make sense. There are also many controlled variables. | All variables are CORRECTLY indicated. Variables make sense. There are a few controlled variables. | All variables are CORRECTLY indicated. Variables make sense. Some variables were not controlled effectively enough. | All variables are NOT indicated. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Materials + Procedure | Materials are described in specific quantities. The procedure is stated in a step by step fashion. They are specific enough to easily replicate the experiment. | Materials are described without quantities. The procedures are general, however stated in a step by step fashion. | Materials and procedure are basic and stated without organization. | Materials and/or procedures are absent. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Observations | Observations are organized in a fashion that is easy to understand (chart, table, etc…). They have titles that describe the information. All quantitative or qualitative information is precise. (Units, etc… are present) | Observations are organized in a fashion that is easy to understand (chart, table, etc…). They have titles that describe the information. Units or details are missing. | Observations are present but not organized. Perhaps titles and details are missing. Observations are present but not organized. | No observations are present. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Analysis | Graphs, diagrams, charts are used to organize and demonstrate the meaning of the information gathered. Titles and a quality description are added to the charts. | Graphs, diagrams, charts are used to organize and demonstrate the meaning of the information gathered. Titles are present however a description may be absent. | Graphs, diagrams, charts or a paragraph may be used to organize and demonstrate the meaning of the information gathered. Details are missing. | No analysis is presented. Or the analysis presented, has no obvious meaning or method. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Conclusion | The conclusion is detailed and includes **ALL** the following:   1. A summary of the lab. 2. Possible mistakes 3. Answering your problem. 4. A detailed explanation of your hypothesis. Was it right? Wrong? Why? 5. How is the information analyzed important in real life? | The conclusion is detailed and includes **FOUR** the following:   1. A summary of the lab. 2. Possible mistakes 3. Answering your problem. 4. A detailed explanation of your hypothesis. Was it right? Wrong? Why? 5. How is the information analyzed important in real life? | The conclusion is detailed and includes **THREE** the following:   1. A summary of the lab. 2. Possible mistakes 3. Answering your problem. 4. A detailed explanation of your hypothesis. Was it right? Wrong? Why? 5. How is the information analyzed important in real life? | The conclusion is detailed and includes **ONE** of the following:   1. A summary of the lab. 2. Possible mistakes 3. Answering your problem. 4. A detailed explanation of your hypothesis. Was it right? Wrong? Why? 5. How is the information analyzed important in real life? | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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