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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
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| 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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