

Science Experiment

Name: _____

| | 4. Distinguished | 3. Proficient | 2. Apprentice | 1. Novice |
|--|---|--|---|---|
| Lab Work- Hypothesis: Theory about what will happen | Hypothesis is clear and makes a test experiment obvious. | Hypothesis talks about the facts and gives a theory for them. | Hypothesis does not explain facts of experiment. | No hypothesis. |
| Behavior- Overview: Friendly, helpful, positive | Followed all directions. Took part in all activities. Was helpful to others and shared many ideas. Tried new things. | Followed most directions. Took part in all activities. Was helpful to others. Said many nice things to other students. | Did not follow all directions. Took part in most activities. Was helpful to others. Said some negative things about others. | Did not follow directions. Said negative things about other people and the project. Was not helpful. |
| Organization- Overview: Ready for class | All work was neat and finished on time. Always came to class with paper, pencil, notes, and books. Used time wisely. | Finished work on time. Came to class with paper, pencil, notes, and books. | Finished most work. Had paper, pencil, notes, and books most of the time. | Did not finish most work. Came to class without paper, pencil, notes, or books. |
| Lab Work- Observations: What happened during the experiment | Made clear notes and a chart to show the data. Wrote with details about the experiment. | Wrote down all data in clear handwriting. Wrote with details about the experiment. | Missed up to three pieces of data. Wrote down some of the things in the experiment. | Missed more than three pieces of data. Wrote down only one or two things in the experiment. |
| Content- Amount of Information: Topic and length | Work showed understanding of the topic. Work answered the project questions. | Work included many sentences on the topic. Sentences were clear and answer the questions. | Work was about the topic and had sentences that answer the questions. | Work was not about the topic. Sentences were short and did not answer the questions. |

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___ My hypothesis can be tested.

___ I was friendly, helpful, and had a positive attitude.

___ I have my work done. I have all of my materials.

___ I wrote down the data and what happened in the experiment.

___ My project has many sentences that answer topic questions.