Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_ DUE DATE: 10/4

Science Fair Proposal

|  |  |
| --- | --- |
| Independent Variable (changed) | Dependent Variable (measured) |
|  |  |

1. Testable Question: How does the (IV) affect the (DV)?

TQ:

1. Hypothesis: If… (the IV does this), then (the DV will)…. because…

* REMEMBER: This is your PREDICTION. State what you will do to the IV and what will happen to the DV.

HYP:

1. Time Frame: How long will this experiment take you?
2. WHY: Why are you interested in this project? What is the purpose? Will it be interesting to others?
3. Method: Briefly explain HOW you will perform this experiment. What will you need to do?
4. Controls: What are some variables that you will need to control (keep the same)?
5. Materials: (Vertical List, Not Numbered)
6. Procedure: (Numbered List)

Next Due Dates:

* 10/18/19 – All Testing and Data Collection Complete
* 10/23/19 – Graphs/Data Tables/Data Analysis Complete
* 11/1/19 – Conclusion/Application
* 11/16/19 – Science Fair Boards Due

Parent/Guardian Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_

\*\*Students should start their Science Fair Testing and Data Collection NOW

\*\*North STEAM/Science Fair Night is November 13th