* Everything is Bold should be left alone.

**Title**

**Name**

**Grade**

**Testable Question or Problem Being Solved**  
**(Science Lab) (Engineering Project)**

(Testable Question in the form of How/Does/Will Independent variable (what you change) affect dependent variable (what you want to see changed) ?)

(Problem should be related to a real-life situation and how your engineered design will create a possible solution for the problem)

**Hypothesis**

**(Science Lab only)**  
**If**  change that you will make to the independent variable ,  
**then** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_reaction of the dependent variable ,  
**because** what evidence or research backs up with you believe will happen.

**Materials List**  
**(Science Lab and Engineering)**  
This is a “grocery list” of what you will need  
BE SPECIFIC!

**Procedures/Steps to Completing the Lab or Build**

**(Both Science Lab and Engineering)**

Place your steps as if you were instructing someone over the phone. Anyone should be able to pick up your steps and do this project on their own without ever consulting you.

**Data Collected**  
**(Both Science Lab and Engineering)**

Can be a table, chart, or before and after. Make sure you take pictures for evidence as well as you test.

Science Lab – at least 3 trials should be completed.

Engineering – at least 3 tests of your built prototype should be attempted with recorded outcome.

**Analysis of Data**  
**(Both Science Lab and Engineering)**

Here you will write a short summary of what patterns you notice in your data. You will note anything that happened you didn’t expect.

**Conclusion**  
**(Both Science Lab and Engineering)**

Here you will state if your hypothesis was supported by your data or not and why you say that.   
Engineering – here you will state whether your solution is possible or not and why. Include any improvements you would make to the prototype if you were to test again.