

## Category Breakdowns

### Question/Purpose

What is it this project is trying to accomplish. (i.e.: "Can I build a density tower using household products by layering them in the correct order..." etc...

### Hypothesis

You are aware of that it appears just remember to make it a firm thought and not "I hope to..." you want "I will" ... or "I will not ..."

### Materials / Procedure

The materials you used, with quantities (i.e.: not just "syrup" but "25 ml of syrup" for example) and procedure is a step by step procedure as to how anyone, with the proper materials could recreate it (viscosity ramp and tower procedures). (i.e.: Step 1- Take a 2 metre long and 12 inch wide board and stack it on top of 4 textbooks books. Step 2 - Make sure the end of the ramp goes into the sink) ...

### Scientific Concepts

The science you used in this project. In this case here you would tell me about density (what is it?) viscosity (what is it?) gravity (what is it?) and where it is found in your experiment. Anything else you used, maybe you mixed food colouring into vinegar so you would explain what solubility is here in that case. Does that make sense?

### Analysis

Breakdown how it went here. What would you change? Why? Why not? What worked, what did not? Anything unexpected occur? Did it work out? That type of breakdown

### Conclusion

Restate your hypothesis and tell me if was proven or disproven. (i.e.: "I will .... and this was proven because my tower was able to have 5 different layers, etc..."

### Drawings/Illustrations

Some pictures or drawings you may have taken or created along the way. Heights, measurements, distances, etc ... this is used to support the Procedure section

### Finished Product

A picture of your density tower, labelled ideally with the content of each layer - the only time I condone a selfie ;)