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May you be blessed on your homeschooling journey. Happy learning!

*Marie*

### **Conversation Hearts Mass Measurements Lab**

**Take one the most popular Valentine's candy and use it to conduct some scientific investigation! If you want your students to get excited about measuring, try finding the mass of candy hearts. You will need to use a triple beam balance and a at least 10 candy conversation hearts. In this Mass Measurements Lab, your students will practice predicting and estimating mass using candy hearts. After their measurements, they will answer comprehension questions pertaining to their findings.**



# Conversation Hearts Mass Measurements Lab



Using a triple beam balance, to fill in the chart below.

Number of Hearts	Predicted Mass	Actual Mass	Difference between predicted and actual mass
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

- 1.) Did it get easier to predict the mass the more you did it?  
\_\_\_\_\_  
\_\_\_\_\_
- 2.) Was each candy heart the same mass? \_\_\_\_\_
- 3.) Based on your data, what is the average mass of a candy heart? \_\_\_\_\_
- 4.) If you had ten different candy hearts, do you think you would have found the same findings? Why? \_\_\_\_\_  
\_\_\_\_\_