**Snacks Lab**

Design a lab procedure to answer a specific question about the heat of combustion (or calorie content) of snacks.

**Items to Consider:**

* Limit to 2-3 snacks (you will need to bring your own snacks to be tested)
* When designing your procedure and apparatus remember the nut lab: one of your goals is to lower your percent error so think about design and set-up. (you will need to bring any extra materials that we don’t have in the lab)
* You must come up with three meaningful analysis questions to help demonstrate understanding of the concepts being tested.
* Feel free to use the nut lab procedure as a STARTING POINT, the data collection ad calculations will be basically the same.
* You will need to turn in a lab write up (not formal) which includes:
	+ Purpose
	+ Equipment/materials
	+ Procedure
	+ Data
	+ Calculations
	+ Analysis
	+ Questions (from me)

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**Assessment:**

* + Pre-lab (procedure and analysis questions) (2)
	+ Purpose (1)
	+ Procedure (3)
	+ Data (1)
	+ Calculations (2) (1 for q, and 1 for % error)
	+ Analysis (3)
	+ Questions (from me) (2)
	+ Reduced % error from nut lab (1+1 extra credit possible)

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* + Pre-lab (procedure and analysis questions) (2)
	+ Purpose (1)
	+ Procedure (3)
	+ Data (1)
	+ Calculations (2) (1 for q, and 1 for % error)
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	+ Questions (from me) (2)
	+ Reduced % error from nut lab (1+1 extra credit possible)