**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)

**Assessment:**

* + 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)