The STEM Pringle Challenge

***After you finish your quiz please start reading through the lab and brainstorming while you respectfully await your teammates completion of their quiz.***

**Goal**: To develop an understanding of inquiry based learning, the scientific method, problem solving in teams, and food product creation.

**Problem**: When bringing 4-5 Pringles to school for your mid-morning snack they always crack or break in a ziplock bag during transport.

**Task:**

* Create a lab outline in your notebooks (EVERYONE MUST HAVE A COPY IN THEIR NOTEBOOK) showcasing EACH step of the scientific method that you will use to bring your PROBLEM to a solution you can COMMUNICATE.
	+ Ensure that you note ALL MATERIALS, PROCEDURES, and DATA
		- SPECIFIC enough that ANYONE could replicate your lab
	+ After designing an experiment with an independent and dependent variable, note which is which in your lab then test your experiment to collect data.
		- Dependent = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
		- Independent = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Ensure that you clean up your lab area and our classroom leaving it nicer than how you found it and taking pride your work and our class**.**

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