



SPARK

Energy Invention Challenge

Invention Title:

Inventor(s) Name: _____



SPARK



Energy Invention Challenge Rules for challenge submissions:

- You may choose to work individually or in a group of up to (3) participants.
- You **MUST** keep a journal in a composition notebook written in complete sentences that documents the following:
 - **Brainstorming:**
 - the problem addressed by the invention
 - possible solutions for this problem
 - any sketches or drawings
 - description of the invention
 - explanation of how the invention solves this problem
 - any notes about what you have done or learned while working on your invention
 - any problems that you encountered along the way
 - any research gathered in this process
 - any reflections made about the process
 - PLEASE NOTE:** all entries should be titles and include date of entry
- You **MUST** turn in packet with **ALL** sections completed.
- You **MUST** submit prototype (model) of the invention that does not exceed 3 feet.
- You must be prepared to present an oral presentation (3 - 5 minutes) and answer questions about your invention.
- **BE CREATIVE!**

Invention Name/Title (see naming the invention guide) :

Brief description of your invention:

How does it work:

What need or problem does your invention address?

How did you come up with the idea for this invention?

How did you determine that your idea has not been used in the past?

Sketch of prototype (what will this invention look like?):

List of materials needed:

Pictures of completed prototype: