

Name _____

Agree & Disagree Statements Energy



1. Energy exists in many forms.

_____ agree _____ disagree _____ it depends _____ not sure

My thoughts:

2. Energy can change from one form to another.

_____ agree _____ disagree _____ it depends _____ not sure

My thoughts:

3. Energy can be used up or destroyed.

_____ agree _____ disagree _____ it depends _____ not sure

My thoughts:

4. Energy is a fuel.

_____ agree _____ disagree _____ it depends _____ not sure

My thoughts:

Fourth-Grade Maker Showcase Project Checklist

Science & Engineering

You developed a creative project that converts energy from one form to another in an electrical circuit and have:

- Labeled drawing of the electrical circuit, including:
 - Source of the energy
 - Input (beginning form of energy)
 - Load (what uses the electricity)
 - Output (new form of energy)

You provided evidence to support the understanding:

- Energy exists in many forms and can be transferred and transformed.

You made personal connections to the essential questions and provided specific examples for evidence.

- How and why do things in our world change?
- How do scientists investigate how the world works?
- How do engineers develop solutions for problems in the world?

Display

Your display area includes:

- Completed project
- Organized materials/supplies (as needed)
- Documentation of the project (see below)
- Title and brief description

Documentation

The life of the project is captured and shared through (check all that apply):

- Notebook
- Google site
- Photo slideshow
- Poster
- Video

The documentation includes evidence and/or reflection of the following:

- Engineering design process: Ask, Imagine, Plan, Create, Improve
- Project vision: What were you hoping to do?
- Project inspiration: Why did you do it?
- Next ideas: What would you like to do next to further your project?
- Interesting comments/stories: Were there any interesting, surprising, or spectacular failures or successes? What will you remember the most?