

Assessment Categories:

Content:

You must **design** and **build** an electrical device and use it to satisfy the following:

1. Demonstrate and explain how you know electricity is a type of energy.
2. Convert one type of energy into electricity **or** electricity into another type of energy (name and explain the energy that **changes to** electrical or that electrical changes into).

[If your device involves motion, be ready to explain why it **does not** qualify as a perpetual motion machine (When will it stop moving?).]

Habits for Success:

1. Product quality reflects proper thought and time spent. [3 point scale]
2. Focus on product work, proper handling of materials, appropriate use of technology, following directions on activities... [2 points per day]