

Energy Merit Badge Pre-requisites

1. a. Find an article on the use or conservation of energy. Discuss why the article was interesting to you, the question it raises, and what ideas it addresses that you do not understand. (*attach the article to this sheet*)

4. Conduct an energy audit of your home. Keep a 14 day log that records what you and your family did to reduce energy use. (*you can use the following page for your log*)
- a. List the types of energy used in your home such as electricity, wood, oil, liquid petroleum, and natural gas, and tell how each is delivered and measured, and the current cost; OR record the transportation fuel used, miles driven, miles per gallon, and trips using your family car or another vehicle.
- b. Describe ways you and your family can use energy resources wisely. Consider the energy required for the things you do and use on a daily basis (*cooking, showering, using lights, driving, watching TV, using the computer*).

8. Find out what opportunities are available for a career in energy. Choose one position that interests you and describe the education and training required.

Position: _____

Education / Training Required: _____

Cradle of Aviation Museum

and Education Center

Long Island's Air and Space Museum

14-DAY ENERGY AUDIT

day	activity
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	

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