

ELECTRICITY EVERYWHERE

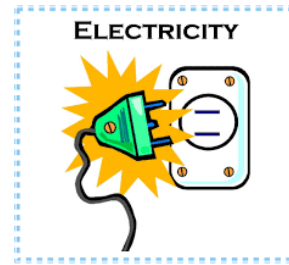
PURPOSE: Children will observe how electricity impacts their daily lives.

MATERIALS:

Book Topics: electrical appliances, electricity.

Pencil

Paper



PROCEDURE:

1. Tour each room in the house to inventory all the electrical appliances found there.
2. Make a list of all the electrical appliances found in each room.
3. Fold a sheet of paper in half lengthwise. Write the word LEISURE on one half of the paper and the word TOOL on the other half.
4. Look at the list of appliances you collected. Classify the appropriate category.
5. Create a graph showing the number of electrical appliances found in each room of your home.
6. Have the family/friend discuss about how much electricity your they uses every month. Look at electric bills.
7. Create a plan for the family/friend to conserve electricity. Implement your plan.
8. Discuss what you will do with the money you save on your monthly electric bills.

HOW IT WORKS: Americans are very dependent on electricity. As a country, we use more electricity per person than any other country. Electrical energy is supplied from power plants which use generators to produce the electricity. Some plants are fueled by nuclear power, hydroelectric power, or fossil fuels.



WRITING PROMPT

You have learned that humans are very dependent on electrical appliances.

Think about all the electrical appliances you use every day.

Now write a paper telling what you would do if you did not have television for one week.

Parent Signature: _____

**FAMILY SCIENCE PROJECT**

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, **OR** you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Complete Website: _____

Writing Prompt (minimum 5 sentences)
