**My Mini Electricity Book**

1. Get 4 sheets of copy paper.
2. Fold them hamburger style.
3. Put three staples along the fold, close to the edge
4. Label the pages 1 – 16 front and back – starting with the “cover”
5. Label the following pages:

My Mini Electricity
Book

By\_\_\_\_\_\_\_\_ pg1

Static Electricity

 V

Pg2

Current Electricity

S.

Pg3

An electrical circuit needs 3 parts:

1)
2)
3)

Pg4

How does electricity happen?

Pg5

Battery
(draw and label parts of battery)

Purpose Purpose

Pg6

Series:
(draw and label)

Parallel:
(draw and label)

Pg11

Switches:

-ON: (meaning and drawing)

-OFF: (meaning and drawing)

Pg10

Insulators

Purpose:

Examples:

Pg9

Conductors

Purpose:

Examples:

Pg8

Wall Outlet
(draw and label parts of outlet)

Purpose Purpose

Pg7

DC: \_\_\_\_ \_\_\_\_\_\_
Explain

AC: \_\_\_\_ \_\_\_\_\_\_
Explain

Pg12

POWER PLANT
Describe how energy is transformed into electricity

Pg13

Glue to ISN

 pg16

Electricity Safety:
(list ways to be safe with electricity)

Pg15

**Power Plant to House**

Describe all the steps electricity takes to get from the power plant to your house

Pg14

1. Using BrainPop videos, Discovery Education, and Britannica, fill in the information on the pages
* [www.brainpop.com/science/energy/electricity/](https://www.brainpop.com/science/energy/electricity/)
* [www.brainpop.com/science/energy/electriccircuits/](https://www.brainpop.com/science/energy/electriccircuits/)
* [www.brainpop.com/science/energy/currentelectricity/](https://www.brainpop.com/science/energy/currentelectricity/)
* <http://www.alliantenergykids.com/PlayingItSafe/ElectricSafety/>
* <http://www.explainthatstuff.com/electricity.html>
* Britannica: <http://school.eb.com/levels/middle>
1. Study!