**Lab Station Passport – Current Electricity and Circuit Diagrams**

**Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ &\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Station #1 – Get Hands-On**

Create a circuit with the all of the provided materials. Draw the circuit diagram below and determine the voltage across the first light bulb and the current directly following the negative terminal of the battery.

Voltage = \_\_\_\_\_\_\_\_\_\_\_\_

Current = \_\_\_\_\_\_\_\_\_\_\_\_

**Station #2 – Research**

What is the difference between fusion and fission reactions?

Which creates more energy?

Which kind is used in our current nuclear power plants to generate electricity?

**Station #3 – Explain Yourself**

Place your answer below.

**Station #5 – Applicability Reading**

Once you have read the article, place the answer to the questions below.

1.

2.

3.

4.

5.

**Station #6 – Test Your Knowledge**

Place your answers to the multiple-choice questions below along with your written explanation for how/why you came to your conclusions.

1.

2.

3.

4.

5.

**Station #7 – Learn From The Expert**

Place your answers to the video questions below.

1.

2.

3.

4.

5.

6.

7.

**Station #9 – Become The Question Master**

You must create 2 multiple-choice questions, 2 true/false questions and 1 short answer question in the space below. Your questions must relate directly to Current Electricity and/or Circuit Diagrams.

Multiple-Choice:

1. Answer:

2. Answer:

True/False:

1. Answer:

2. Answer:

Short Answer:

Answer**:**