Study Guide for…

Science Unit Test – Electricity & Magnetism

Date: Wednesday, December 12th

*You will need to:*

* Understand the following terms: current, electricity, battery, power plant, static electricity, short circuit, resistor, conductor
* List examples of electrical devices used at home and at school
* Label a battery, with positive and negative terminals
* List at least 3 types of batteries
* Categorize naturally occurring and man-made examples of electricity
* Know how to be safe around electricity and the related dangers
* Understand what happens when loads (such as additional light bulbs) are added to a circuit
* Understand what materials are conductors vs. insulators vs. resistors
* Draw and describe series and parallel circuits
* Know the difference between an open and closed circuit
* Understand what was happening in our lab on short circuits

Time frame until test date:

This week – Continue learning about circuits

Sunday – Lab related to short circuits

Monday & Tuesday– Review

Wednesday- Test