Current Electricity Study Guide

1. What are the basic parts of a circuit?
2. What is the difference between static and current electricity?
3. Be able to identify circuit diagram symbols and draw circuits from an image, including placement of ammeters and voltmeters.
4. What is the difference between a batteries and a cell?
5. What are the major differences of the two types of cells. Where do we use them?
6. Identify the main parts of a cell and how a cell works.
7. What are the two types of current?
8. Be able to read an ammeter dial and convert between mA and A.
9. Be able to calculate current, Coulombs, time in seconds, or electrons from word equations.
10. Be able to define current, voltage, resistance, ...
11. Define Ohm’s law.
12. Be able to calculate current, voltage, resistance from word equations.
13. How is voltage affected in series vs parallel?
14. How is current affected in series vs parallel?
15. How are light bulbs affected in series vs parallel?