**References of Pictures**

BBC. (2014). BBC- Higher Bitesize Pysics- Resistors in Circuits Revisions [Digital image]. Retrieved March 14, 2016, from <http://www.bbc.co.uk/staticarchive/3e2fc6e6c5581b62ab7420303a351cc9e3499759.gif>

How to use a Multi-Meter when Troubleshooting a Fire Alarm [Digital image]. (n.d.). Retrieved March 21, 2016, from http://2.bp.blogspot.com/-iOx35Jz-xeE/Uzrj4uq50lI/AAAAAAAADuM/jP22mzkeNVQ/s1600/575px-Multimeter.png

Hunt, W., & Phillips, J. (2013). The LED – Christmas Lights. Retrieved March 14, 2016, from <http://www.backward-workshop.com/electronics/breadboard-curriculum/led/>

Lieff, J. (2013). Neuroplasticity Learning and Brain Circuits. Retrieved February 09, 2016, from http://jonlieffmd.com/blog/neuroplasticity-learning-and-brain-circuits

Ohm's Law and How to Solve It [Ohm's Law Formula]. (n.d.). Retrieved March 08, 2016, from <http://tinkernow.com/wp-content/uploads/2014/12/OhmsLaw.gif>

Safe MultiMeter Usage: Electrical Safety [Digital image]. (n.d.). Retrieved March 21, 2016, from http://www.zrd.com/faq/01.jpg

Simple Circuit [This simple circuit in one loop lights one bulb.]. (n.d.). Retrieved March 08, 2016, from http://science.jrank.org/kids/article\_images/light\_p25.jpg

SlideShare. (n.d.). Digital Multi-Meters-Basic Guide [Digital image]. Retrieved March 21, 2016, from

<http://image.slidesharecdn.com/fluke-india-digital-multimeters-presentation-22-08-2012-120903025550-phpapp01/95/digital-multimeters-basic-guide-3-728.jpg?cb=1346641218>

SlideShare. (n.d.). How to use a Digital Multi-Meter [Digital image]. Retrieved March 21, 2016, from http://image.slidesharecdn.com/howtouseadigitalmultimeter-100726083407-phpapp01/95/how-to-use-a-digital-multimeter-3-728.jpg?cb=1280133295

Squishy Circuits Project 2: Add Even More Lights [Series Circuit]. (n.d.). Retrieved March 12, 2016, from<http://www.cdn.sciencebuddies.org/Files/4890/7/series-circuit-diagram-2_img.jpg>

Squishy Circuits Project 2: Add Even More Lights [Parallel Circuit]. (n.d.). Retrieved March 12, 2016, fromhttp://www.cdn.sciencebuddies.org/Files/4889/7/parallel-circuit-diagram\_img.jpg

SysRecon. (2014, August 13). SysRecon. Retrieved March 14, 2016, from <http://www.sysrecon.com/tag/resistors/>

ThingLink. (n.d.). Parallel Circuit [Digital image]. Retrieved March 14, 2016, from http://s4.thingpic.com/images/mn/AM7rKnhpFgKmAbdzUYTkvC5Q.gif

What's Ohm's Law? [Ohm's Law Formula]. (n.d.). Retrieved March 08, 2016, from http://media.fluke.com/images/6004178-dmm-whatis-ohm-top-715x360.jpg

**Work Cited**

All About Circuits. (n.d.). A Very Simple Circuit. Retrieved March 14, 2016, from <http://www.allaboutcircuits.com/textbook/experiments/chpt-2/a-very-simple-circuit/>

Dummies. (n.d.). Electronics Components: Parallel Resistors. Retrieved March 14, 2016, from <http://www.dummies.com/how-to/content/electronics-components-parallel-resistors.html>

Grob, B. (1997). *Basic electronics* (8th ed.). New York: McGraw-Hill.

Chapter 3: Ohm's Law Page 68-77

Grob, B. (1997). *Basic electronics* (8th ed.). New York: McGraw-Hill.

Chapter 5: Parallel Circuits Page 123-126

Grob, B. (1997). *Basic electronics* (8th ed.). New York: McGraw-Hill.

Chapter 5: Parallel Circuits Page 127-132

Grob, B. (1997). *Basic electronics* (8th ed.). New York: McGraw-Hill.

Chapter 4: Series Circuits Page 102-103

R. (n.d.). The Simple Circuit. Retrieved March 11, 2016, from http://www.regentsprep.org/regents/physics/phys03/bsimplcir/default.htm

Sparkfun. (n.d.). How to Use a Breadboard. Retrieved March 14, 2016, from https://learn.sparkfun.com/tutorials/how-to-use-a-breadboard