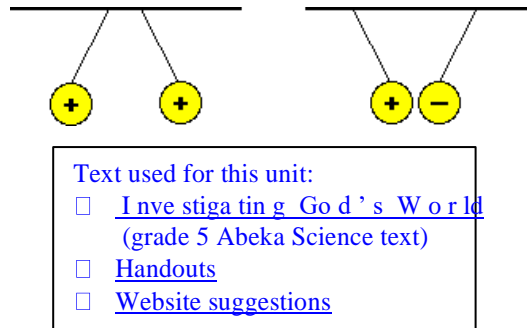


CHESSIE Schedule
Group #4A & 4B Magnetism/Electricity Unit



- 1/5 Starfish Dissection, wrap-up of oceanography unit
- 1/12 Magnetic Force/ Magnets
Prior to class
Read: Investigating God's World (IGW) p153-156 (top) on electricity and magnetism
Website Suggestions:
Interesting video on maglev trains. (Maglev = magnetic levitation)
<https://www.youtube.com/watch?v=m-rNILcfTKM>
Complete:
Comprehension Check 6.2 p155 in IGW
In Class: Magnetism experiments
- 1/19 Electricity, an electric world, static electricity, simple circuits, electric test
Prior to class,
Read: Handout, beginning on page 1 'The Energy Story—What is Electricity' & read through page 5.
Complete: Homework Questions in your handouts for today. Students, please note that the answers are not found on page one and two and are not necessarily in order. The answers are underlined to help you locate them.
Website Suggestions: <http://www.neok12.com/Electricity.htm>
Go ½ way down the page until you get to 'watch videos'. Watch the following titles:
☐ Fossil-fueled electricity, how it works
☐ Introduction to electricity
In Class: Static electricity experiments
- 1/26 Electricity, light at night, how light bulbs work, circuits and much more.
Prior to class,
Read: Handout picture on bottom of page 5 and read page 6
Complete: Homework page for week #3
Website work:
<http://www.neok12.com/Electricity.htm> Go ½ way down the page until you get to 'watch videos'. Watch the video on electricity and circuits.
In Class: We will experiment with parallel and series circuits and a variety of other activities.

2/2

Electromagnets, making currents, & hexbug nano electricity!

Prior to class,

Read: Handout p7-11

Complete: Homework questions for today on electromagnets

In Class: electromagnetic crane assembly!

Website work: Read more on Oersted

<http://www.corrosion-doctors.org/Biographies/OerstedBio.htm>

2/9

Electrical safety presentation with Dominion Power and their “hazard hamlet”

Prior to class: No written homework for today

Please watch the following videos on electrical safety

http://www.e-smartonline.net/dom/66290_videos/66311_engsw_video/index.html

At the bottom of the page, you will see “more videos”. Watch episode 1:

Electricity Basics, episode 2: Conductors and insulators