

## Kid's Life Science

### Inventions & Technology

- Unit 1 Communications (printing press, telegraphs, radios, television, and computers) SEPTEMBER
- Unit 2 Transportation (steam, internal combustion, jet and rocket engines) OCTOBER
- Unit 3 Military Inventions (weapons, gunpowder, tanks, submarines and radar) NOVEMBER
- Unit 4 Modern Conveniences (electricity, refrigeration and modern appliances) DECEMBER
- Unit 5 Medical Inventions (microscopes, medical imaging and microsurgery) JANUARY
- Unit 6 Entertainment (roller coasters, moving pictures, photography) TBA
- SCIENCE FAIR FOR MIDDLE AND HS-end of February ELEMENTARY- first of April

### **9:15-10:30 Grades 2-4**

Children will explore the physical world through hands on experiments and optional field trips. Students will need to bring a three ring binder loaded with notebook paper and room for handouts. I will send homework with the students which can be worked on until our next class. Each week, in addition to the worksheets, children will be asked to do research and write an age appropriate report. The final project will be an entry in the science fair in the spring. I will try to plan the fieldtrips for after Woman's Life when local and an alternate day if they are not. These will be designed to show children the real life applications for the technologies studied in class.

### **10:45-12:00 Grades 5-8**

Students will examine the science behind the inventions and technologies through hands on experiments and labs. Students will learn about the founders of modern science, the laws of physics in relation to solids and fluids, flight, magnetism and electricity. Students will also be required to have a three ring binder with paper and room for handouts. Homework assignments will be given and reports that will require some research. Students will be encouraged to go on the field trips but these are not required. The assignments will be laid out for those who wish this to be a supplementary class to an existing science curriculum and for those who wish to have this as their science class for the year. I will be referencing and using labs from A Beka's Matter and Motion along with God's Design for the Physical World Inventions & Technology. It is not necessary to purchase books.

*Parents- If you would like your child to participate in these classes I would ask that you send me an RSVP email and let me know the name of the child, grade level and an email address that I can send information and homework for the classes out. I will do this for your benefit and in cases of an absence. I am looking forward to a fun year of science with your children. If you have any questions or feel you might have a lead for a guest speaker or fieldtrip, please call me (843-812-4438) or email [renikcarter@yahoo.com](mailto:renikcarter@yahoo.com)*

*Melissa Carter*

