Life Science 2014 Syllabus\*

Welcome to 7th grade science! This year we focus on the Life Sciences. Students study ***Living Things, Scientific Methods***, ***Human Body Organization***, ***Cell Structure*** and the ***Cell Cycle***, ***Evolution, DNA, Heredity,*** *and* ***Genetics***.

There are a variety of projects and labs completed in 7th grade science: ***The Egg Drop***, ***The*** ***Science Fair***, ***A Cell Model***, ***A DNA Model***, ***Mitosis Yarn Project***, ***Meiosis Claymation***, and multiple ***Dissections*** (Chicken Wings, Sheep Hearts, Cow Eyes, and Frogs).

Here is a *general* timeline for the subjects we cover in 7th grade Life Science

August/September - Characteristics of Living Things and the Egg Drop Project

October - Scientific Methods and The Science Fair (2+ month project)

November - Muscular & Skeletal Systems and Chicken Wing Dissection

December - Nervous System and Cow Eye Dissection

January - The Cell and Cell Model Project

February - DNA & Mitosis and Mitosis Claymation

March - Evolution & the Geologic Time Scale

April - Heredity, Genetics & Meiosis

May/June - Reproductive Systems & Sex Ed w/ Frog Dissection

Many of the above mentioned projects will be completed in class, however, A few must be worked on outside of school. The Egg Drop Project, the Cell Model, and the Science Fair Project will be worked on both in and outside of classroom time.

\*syl·la·bus   [**sil**-*uh*-b*uh*s]

***noun, plural* syl·la·bus·es, syl·la·bi**

1. an outline or other brief statement of the main points of a discourse, the subjects of a course of lectures, the contents of a curriculum, etc.
2. What we are going to study and learn about this year.