

## Life Science 2014 Syllabus\*

Welcome to 7<sup>th</sup> 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 7<sup>th</sup> 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-buhs]

**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.