

Eagles Landing Christian Academy
Course Syllabus

Instructor: Miss Peggy Stanley

Room #: 613

Year: 2017-2018

Course Name: Life Science

Textbook Used: *Life Science* fourth Edition by bju press 2013 (ISBN 978-1-60682-161-9)

Materials:

1 Inch 3 Ring Binder (remains in my room on a bookshelf to keep all assessments in after I hand them back; I refer to it as the student's grading notebook)

Loose Leaf Notebook Paper

Highlighters

Pencils and colored pencils

Pens (red and other colors)

Metric ruler

Glue or glue sticks

Scissors

Calculator (only needs to add, subtract, multiply, and divide)

2 composition books (for science interactive notebook)

Course Description: This course is designed for students to study living things in their world, through cell biology and genetics. Students will learn about the human body and the plant kingdom. Lastly, students will learn to understand the scientific process, including investigation and experimentation.

Course Outline and Content:

Nature of Science

understanding science; measurement and scientific tools

Classifying and Exploring Science

characteristic of life; classifying organisms; exploring life

Cell Structure & Function

cells and life; the cell; moving cellular material; cells and energy

From a Cell to an Organism

the cell cycle and cell division; levels of organization

Reproduction of Organisms

sexual reproduction and meiosis; asexual reproduction

Genetics

Mendel and his peas; understanding inheritance; DNA and genetics

Human Anatomy and Physiology

skeletal system; muscular system; integumentary system; digestive system; excretory system; respiratory system; circulatory system

Plant reproduction

Biomes and Ecosystems

Labs: Labs are group projects (usually 2 students in a group). Each student will be assigned to a lab group and the lab groups will change for different labs. This way each student gets to work with a variety of people and learn teamwork. If the lab is turned in as a group each student in the lab group receives the same grade on the lab, **but the student has the option of turning in his/her own lab in separately instead of as a group. This is true with projects as well.**

Classroom Rules and Discipline Procedures:

1. Be on time and prepared for class
2. Be considerate, courteous and respectful
3. Listen and follow directions
4. Show respect for school property and the property of others
5. Follow school rules
6. Be on task
7. Be courteous

Make-up Policy: If a student does not complete the assessments during class, he or she is expected to complete it at home. It is important for students to pay attention and stay on task in class. 10% points will be taken off for each school day an assessment is late. If a student misses a class period, it is his/her responsibility to make up any missed work according to the school policy listed in the student handbook.

Grading System: I grade on a point system. Grade points vary according to what assessment it is (quiz, lab, project, test, etc.). Chapter tests are always worth 100 points. Exams are worth 200 points. Everything else varies from 10 points on up (with the exception of getting things signed which is one point). At any time a student's grade can be calculated by taking the total number of points he/she has accumulated and dividing it by the total number of points possible (**Do NOT** add the percent grades together and divide by the number of grades). There will be **NO extra credit** other than extra credit questions on quizzes or tests.

Help Sessions: Tuesdays from 7:00 to 7:40 AM. A student who needs Help Class must let me know in **advance** that he/she plans to attend and must have specific questions or areas in which he/she is struggling or needs additional explanation in order to make best use of the time.

Contact Information: The Middle School Office phone number is 678-818-1034. My email addresses are peggy.stanley@eagleslanding.org and pjteachesELCA@charter.net. It is best to send emails to both email addresses. My website is www.pjteaches.com.

Eagle's Landing Christian Academy
Life Science Course Syllabus

I have read and understand all of the objectives, requirements, and expectations for the course Life Science taught by Miss Stanley.

Student signature

Date

Parent signature

Date