

7th Grade Science
Mrs. Shirey – shireyd@pacacademy

Course Description: *Life Science* is a course designed to present the student with opportunities to observe, explore and examine God's creation through studies in various disciplines such as :

Foundation of Life Science (Classifying Living Things, Life and Cells, Cell Structure, etc)

Heredity and the Origin of Life (Cell Division, Genetics of Organism, Biblical Creationism, etc)

Concepts in Microbiology and Plant Biology (Plant Kingdom Structure, Little Seen Structures, etc.)

Concepts in the Animal Kingdom (Invertebrates, Vertebrates, Animal Behavior)

The Nature of the Environment (Ecosystem, Relationship between Organisms)

Structure and Function of the Human Body (Support and Movement of the Body, Energy of the Body, Internal Balance of the Body, etc)

Course Purpose: To help students explore and understand God's creative work. To know and glorify God in their lives after understanding God's creative work

Course Text: *Life Science for Christian Schools, 3rd edition*

Materials Needed: Pens and Pencils, colored pencils, binder with pockets, dividers, and highlighters.

Assignment: Students will be given quizzes, tests and projects to evaluate their understanding of the lesson material. Students will receive homework and class assignments that may include: worksheets, notes, compare/contrast assignments, report/essays, skits, presentations and debates.

Students are responsible for completing their work by the assigned date. I will check daily to see if homework is completed. The student will receive a grade of 100 for completing homework according to directions provided and a grade of 0 otherwise. If I take up the homework, a numerical grade will be assigned for the number of correct answers. If a student receives a 0 they will serve a lunch detention and complete the assignment at that time. If they receive three 0s they will serve a detention after school. If a student did not understand a homework question he/she will not be penalized if they have a note from a parent

Absences: Students with an absence will have the same number of days to complete missed work as days they were absent from class. Students with an unexcused absence will be responsible for work and assignments will be treated as late.

Grading: All assignments will be worth 100 % and weighed as follows:

Homework /classroom work/class participation = Total of 25% of grade

Quizzes/labs = Total of 25% of grade

Tests/major project = Total of 50% of grade

Test grades below 70 will be sent home for parent to review, sign and return.

Labs: Labs will be conducted throughout the year. Students will be provided a safety briefing and orientation before conducting any lab. Student will be expected to conduct themselves in a safe and respectful manner when working on a lab or handling any equipment. Intentional destruction of lab equipment will result in financial charge or fine to cover cost of replacement.