



# **Biology Syllabus**

## **Paris Gibson Ed Center**

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#### **5 Steps To Success In LoganScience:**

- 1. Show up** “85% of success is showing up!”
  - a. Attend *Week Preview* and *Chapter Tour* (to get handouts and notes)
  - b. Attend the seminars or the make-up seminars
- 2. Use [www.loganaskwhy.com](http://www.loganaskwhy.com)** “I created it for a reason!”
  - a. Check the seminar schedule, coursework and your grades.
  - b. Review the notes/review/handouts, the links, the videos and the online textbook.
- 3. Read** “Reading is one of the most vital skills in our society!”
  - a. Read the chapter before the seminar; look at the diagrams, charts and pictures.
  - b. I have the textbook on-line for those that want to follow along as it is read aloud.
  - c. Read and follow the procedures to the labs, activities and projects.
- 4. Do the work** “Surrender and admit you will have to put in some effort!”
  - a. Do not rely on others for answers.
  - b. Hand in all reviews, labs, worksheets, projects and tests.
- 5. Come in for help and review** “Don’t be shy! Come in & we’ll go through the material!”
  - a. Science is about learning the “Story of Everything,” so come in and let’s chat.
  - b. Revisit the material before testing.
  - c. If you know the material, come in and demonstrate it. (you may earn the units)

#### **Weekly schedule in LoganScience:**

Monday: *Week Preview* and *Chapter Tour* at 8:45-9:45 or 12:30-1:30

Tuesday and Thursday: Seminars at 12:30-1:30

Wednesday and Friday: Make-up Seminars at 8:45-9:45

**All Non-Seminar Time Is Open For Study/Help/Review/Testing**

The *Week Preview* and *Chapter Tour* session will be held Mondays from 8:45-9:45 or 12:30-1:30. This hour session will allow students to get all the information and materials for the week. Start the week off right by coming to either one of the Monday Sessions.

*Students must earn 4-5 units (approx 12-15 hours) per chapter*

#### **Biology 1**

Chapter 1: Science of Biology  
Chapter 2: Chemistry of Life  
Chapter 7: Cells Structure/Function  
Chapter 8: Photosynthesis  
Chapter 9: Respiration  
Chapter 10: Cells Growth/Division

#### **Biology 2**

Chapter 11: Intro to Genetics  
Chapter 12: DNA and RNA  
Chapter 35: Nervous System  
Chapter 36: Skeletal/Muscle/Skin  
Chapter 37: Circulatory/Respiration  
Chapter 38: Digestion/Excretory

#### **Biology 3**

Chapter 18: Classification of Living Things  
Chapter 19: Bacteria and Viruses  
Chapter 20: Protists  
Chapter 21: Fungi  
Chapter 22: Plant Diversity  
Chapter 23: Root, Stems, Leaves  
Chapter 24: Cones, Flowers, Seeds

#### **Biology 4**

Chapter 26: Sponges and Cnidarians  
Chapter 27: Worms and Mollusks  
Chapter 28: Arthropods and Echinoderms  
Chapter 30: Fish and Amphibians  
Chapter 31: Reptiles and Birds  
Chapter 32: Mammals  
Chapter 33: Comparing Chordates