

LIFE SCIENCE IIB
Course Outline: 3304

I. Textbook Assignment Options:

- A. *Concepts and Challenges in Life Science*, Part II (5.0 credits)
- Read: Units 11 – 19.
 - Complete: all “Check” and “Apply” exercises in section reviews.
 - Complete: Unit “Challenges” activities (**omit:** “Reading Critically,” “Critical Thinking,” and “Finding Out More.”)
 - Complete one of the Extension Activities listed below.
- B. *AGS Biology*, Part II (5.0 credits)
- Read Chapters 8-14.
 - Complete: All “Self-Checks” or “Lesson Reviews” and “Chapter Review” exercises
 - Complete one of the Extension Activities listed below.
- C. *Science Workshop Series: Biology - Survey of Living Things* (2.5 credits)
- Read: Lessons 1 – 33.
 - Complete: All exercises after each lesson.
 - Complete one of the Extension Activities listed below.
- D. *Basic Science For Living: Earth and Life Science* (2.5 credits)
- Read: Units 1-7.
 - Complete: all Lesson Reviews
 - Complete one of the Extension Activities listed below.

II. Extension Activity Options:

1. Use the Internet or library to research one of the following diseases: kidney disease, arteriosclerosis (artery disease), Cancer, Tuberculosis, Polio or diabetes. Write a 3-paragraph essay based upon your research. Include a description of the disease, its symptoms, causes and the system(s) of the body that it affects.
2. Using the term “biomes,” use the Internet to research the biome of your choice. Write a 3-paragraph essay or create a 5-slide PowerPoint presentation based upon your research. Describe the biome; explain where it is located and the types of plants and animals that live in that biome. Use Writing Rubric SII.
3. Using the Internet or library, conduct research on a vaccine of your choice. You can use the term “vaccines” as the Internet search term, or you can find a certain type of vaccine by using its name as the keyword in your search. Some examples of vaccines are: polio, anthrax, influenza, smallpox, Valley Fever, HIV, etc. Write a 3-paragraph essay, or prepare a 5-slide PowerPoint presentation based upon your research. Look for information related to the vaccine’s discovery, its use, and effectiveness.
4. Teacher generated activity, approved by the site administrator.

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III. Evaluation

- See your teacher for a unit test.
- All Writing assignments must meet the proficient level of the rubric provided by the teacher.
- All textbook work must meet 70% accuracy level for a “C” grade.