

LIFE SCIENCE IIIB
Course Outline: 3354

I. Textbook Assignment Options:

- A. *Pacemaker Biology*, Part II (5.0 credits)
- Read: Chapters 14-25.
 - Complete: all “Check your Understanding” exercises.
 - Complete: all “Chapter Review” exercises (**Omit**: Research Projects).
 - Complete one of the Extension Activities listed below.
- B. *Exploring Life Science*, Part II (5.0 credits)
- Read: Units 15-29.
 - Complete: all “Section Review” exercises.
 - Complete: all “Chapter Review” exercises (**Omit**: “Concept Mapping” and “Critical Thinking and Problem Solving” exercises).
 - Select and complete **any two** questions from **each** of the “Concept Mastery” exercises.
 - Complete one of the Extension Activities listed below.
- C. *Globe Life Science*, Part II (5.0 credits)
- Read: Units 6-10.
 - Complete: all Review exercises
 - Complete: all “Unit Review” exercises (**Omit**: “Section D”)
 - Complete one of the Extension Activities listed below.
- D. *Life Science, Holt Science and Technology*, Part II (5.0 credits)
- Read: Units 4-7.
 - Complete: all “Section Review” exercises.
 - Complete: all “Chapter Review” exercises (**Omit** “Concept Mapping”).
 - Complete one of the Extension Activities listed below.
- E. *Science Explorer: Animals* (2.5 credits)
- Read: Chapters 1 to 5.
 - Complete: all “Section Review” activities.
 - Complete: all “Reviewing Content” and “Checking Concepts” activities
 - Complete two of the “Extension Activities” listed below.
- F. *Science Explorer: Human Biology and Health* (2.5 credits)
- Read: Chapters 1 to 8.
 - Complete: all “Section Review” activities.
 - Complete: all “Reviewing Content” and “Checking Concepts” activities.
 - Complete two of the Extension Activities listed below.

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II. Extension Activity Options:

1. Use the Internet to research one of the following topics and write a 4-paragraph essay based upon your research and the requirements of Writing Rubric Exp. III:
 - a. DNA and its use in criminal investigation.
 - b. Cloning animals. Include information on the benefits and disadvantages of cloning.
 - c. Visit: www.phschool.com. Choose a career in biology that you might want to pursue and discuss it.
2. Complete a PowerPoint presentation of at least 10 slides showing different major human organ systems. Include a picture or photo of each system with accompanied text that tells what the system is and what it does.
3. Use the Internet and one other source to conduct research on Severe Acute Respiratory Syndrome (SARS). Write a 4-paragraph essay or create a 10-slide PowerPoint presentation based upon your research. Cite two sources and, for the essay, use Writing Rubric Exp. III.
4. Teacher generated activity, approved by the site administrator.

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.