

## AP Biology Summer Assignment

**Course Description:** AP Biology is a second high school biology course that will broaden and enhance a student's level of science knowledge and further prepare them for college. This course is designed to offer students topics in Biology that are covered in a university freshman level course. Highly motivated students in AP Biology class will be required to actively participate in lectures and laboratory activities as well as rigorous and challenging reading assignments on a daily basis. Exams cover 3-4 chapters in the text and generally occur every two to three weeks. Lab activities specified by the College Board, and additional labs chosen by the teacher, are conducted to give a fair representation of a university-level biology course. Students enrolled in this course are encouraged to take the AP examination in the spring.



### Directions to access the textbook needed to complete the summer assignment:

1. Log on to the WHS home page (<https://whs.wjUSD.org/>)
2. At the top left hand side of the page, the AP summer assignments are listed
3. Find the link for the **AP Biology summer assignment** and click on it
4. You will find the book **CK 12 Biology** (the book needed to complete the summer assignment)
5. Click on the book, and work towards completing the required assignments as stated below

**Directions to complete the summer assignment:** *Please complete all the questions on separate sheets of paper. Clearly label the section and title of the questions being answered.*

- Read chapter 1.1 titled "Science and the Natural world"
- Complete the "Lesson Review Questions" 1-9, located on pages 9 and 10.
- Read chapter 1.2 titled "Biology: the study of life"
- Complete the "Lesson Review Questions" 1-9, located on page 21.
- Complete "Concept 2 – Science and the natural world" located on pages 23-27.
- Complete "Concept 3 – Biology: the study of life" located on pages 28-33.
- Read chapter 4.1 titled "Matter and Organic compounds"
- Complete the "Lesson Review Questions" 1-10, located on page 45.
- Read chapter 4.2 titled "Biochemical Reactions"
- Complete the "Lesson Review Questions" 1-9 located on page 52.
- Read chapter 4.3 titled "Water, Acids, and Bases"
- Complete the "Lesson Review Questions" 1-8 located on pages 58-59.
- Complete "Concept 5 – Matter and Organic Compounds" located on pages 61-66.
- Complete "Concept 6 – Biochemical Reactions" located on pages 67-72.
- Complete "Concept 7 – Water, Acids and Bases" located on pages 73-79.

**\*\*Your summer assignment is due on the first day of class. \*\***

