


**AP Biology Unit 1: Chemistry of Life**  
**Suggested Summer Pacing Guide**

Day	To Learn:	To Practice/Reinforce:	To Assess:	To Submit: First Day of Class:
1	<input type="checkbox"/> Watch <a href="#">Lecture Video Bio Review</a> (complete guided notes: pgs. 6-13)	<ul style="list-style-type: none"> <li>❖ Practice problems pg. 9</li> <li>❖ Concept check pg. 10</li> <li>❖ Variables Practice pg. 12</li> <li>❖ Control Groups Practice pg. 13</li> </ul>		
2		❖ Experimental Design worksheet pgs. 14-15		
3	<input type="checkbox"/> Watch <a href="#">Lecture Video Intro to Stats (stop at 18:40)</a> (complete guided notes: pages 16-21)	❖ Practice problems pg. 21		
4	<input type="checkbox"/> Continue <a href="#">Lecture Video Intro to Stats (18:40-39:00)</a> (complete notes: pgs. 22-23)	❖ Variability Review pg. 24		
5	<input type="checkbox"/> Continue <a href="#">Lecture Video Intro to Stats (39:00-end)</a> (complete notes, pgs. 25 - 27)	❖ Think, Pair, Share pg. 25		
6		❖ Statistics Practice Problems Part 1 and 2 worksheets (workbook pgs. 28-34)		<input type="checkbox"/> Topic 0 Vocab/Review Qs (from pg. 1 of workbook)
7	<input type="checkbox"/> Watch <a href="#">Lecture Video Structure of Water</a> (complete notes, pgs. 35-43)			<input type="checkbox"/> Topic 1 Vocab/Review Qs (from pg.2)
8	<input type="checkbox"/> Study for Quiz #1			
9			❖ Print and take <a href="#">QUIZ #1</a> Bio review, intro to stats, properties of water, and hydrogen bonding (35 min) (AFTER, use  <a href="#">Unit 1 Quiz 1 VA KEY.pdf</a> to check answers and correct quiz)	<input type="checkbox"/> Quiz #1 with corrections
10	<input type="checkbox"/> <a href="#">Lecture Video Topics 2-3: Elements of Life and Intro to Macromolecules</a> (complete notes pages 50-53)	❖ Concept Check pg. 53		<input type="checkbox"/> Topic 2/3 Vocab/Review Qs (from pg.2-3)
11	<input type="checkbox"/> <a href="#">Lecture Video Topics 4-5: Carbs and Lipids (STOP AT 9:00)</a> (Complete notes pgs. 54 and 60-61)	❖ Carbs Practice Problems (workbook pgs. 55-56)		
12		❖ Cellulose Case Study		<input type="checkbox"/> Topic 4/5 Vocab/Review Qs (from

		(workbook pgs. 57-59)		pg.3-4)
13	<input type="checkbox"/> <a href="#">Lecture Video Topics 6-7: Nucleic Acids and Proteins (9:00-END)</a> (complete notes pgs. 62-65 and 68-70)	❖ Nucleic Acids Practice Problems Worksheet (workbook pgs. 66-67)		
14		❖ Proteins Practice Problems Worksheet (workbook pgs. 73-74) ❖ * <input type="checkbox"/> 10 Paper Chromatography (*see note a at bottom of page)		<input type="checkbox"/> Topic 6/7 Vocab/Review Qs (from pgs. 4-5)
15		❖ *Practice Problem pg.71 (*see note b at bottom of this page)		<input type="checkbox"/> *Practice problem pg. 71 (with analysis)
16		❖ Study for Unit Test ❖ Make note of questions for Mrs. Watson		

**First Week of Class:**

Class Day	In Class:	Homework:
1	<input type="checkbox"/> Review Unit <input type="checkbox"/> Practice FRQ (workbook pgs. 77-79)	<input type="checkbox"/> Study for Unit Test
2	<input type="checkbox"/> <b>Water Stations LAB</b> pgs. 44-49	<input type="checkbox"/> Complete Lab <input type="checkbox"/> Study for Unit Test
3	❖ Unit 1 TEST	

\*note a - This is a “dry lab” meaning you will read through the lab instructions as if you are completing a real lab, aka “wet lab.” You will then be given the results of the experiment and asked to analyse the data.

\*note b - This type of problem (on page 71) is a Free Response Question (FRQ). We will spend a lot of time practicing with FRQs in this course, as the AP Bio exam includes six of these which account for 50% of the overall score! For many of you, this is your first FRQ, so give yourself some grace! Do your best to answer the question thoroughly. Afterward, paste the question and answer into ChatGPT and have your answer analyzed and scored. This won't be perfect feedback, but it should be helpful. Turn in both your response and the analysis/score on the first day of class. This will only be graded for completion.