

AP/IB Biology  
Review Worksheet for 12 AP Labs

Name:  
Period:

Use the following website to review the 12 AP Biology labs. There is a link for this assignment on my website. WEBSITE: [http://www.phschool.com/science/biology\\_place/labbench/](http://www.phschool.com/science/biology_place/labbench/)

1. Write the name for each of the 12 AP Biology labs below.

Lab #1: \_\_\_\_\_ Lab #7: \_\_\_\_\_  
Lab #2: \_\_\_\_\_ Lab #8: \_\_\_\_\_  
Lab #3: \_\_\_\_\_ Lab #9: \_\_\_\_\_  
Lab #4: \_\_\_\_\_ Lab #10: \_\_\_\_\_  
Lab #5: \_\_\_\_\_ Lab #11: \_\_\_\_\_  
Lab #6: \_\_\_\_\_ Lab #12: \_\_\_\_\_

2. **Highlight** the labs that were not done in class using the list you wrote above.

**II \*For each lab write the title in the spaces provided next to each lab number.**

LAB #1: \_\_\_\_\_  
A. From the website open the link for the first lab and answer the following questions:  
B. How is water potential calculated? \_\_\_\_\_ + \_\_\_\_\_  
C. Name each symbol in the formula  $(\Psi_s) = -iCRT$  represents:  
-i: \_\_\_\_\_ C: \_\_\_\_\_ R: \_\_\_\_\_ T: \_\_\_\_\_  
D. Take the Quiz and write the **CORRECT** answers below:  
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_

LAB #2:  
A. Name the **two factors** that effect enzyme action. \_\_\_\_\_  
B. Looking at the "Design of the experiment", what is being investigated?  
C. Name the enzyme being investigated. \_\_\_\_\_  
D. Why is KMNO<sub>4</sub> needed? What will it be used for?  
E. How is the rate of the reaction calculated?  
F. Sample Problem: (See the Analysis & Results). The correct answer is: \_\_\_\_\_

\***Quiz:** Write the CORRECT answers for each question.  
1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. \_\_\_\_\_