

Name: Chris Johnson		Grading Quarter: 2	Week Beginning: 10/28/24
School Year: 24-25		Subject: AP Biology	
Monday	Notes:	<p>Objective: Students will be able to</p> <ol style="list-style-type: none"> 1. Define the vocabulary around macromolecules and organic chemistry. 2. Describe the types, structure, and functions of lipids, proteins, nucleic acids, and Carbohydrates. <p>Lesson Overview (Student work):</p> <ol style="list-style-type: none"> 1. 6.4 Reading Guide. <p>Check for understanding – Student work, quizzes and teacher feedback</p>	<p>Academic Standards:</p> <p>AP Sci Practices 1A, 1B, 1C, 2A, 2D AP Content SYI 1, SYI 2, SYI 6, IST 2</p>
	Notes:	<p>Objective: Students will be able to</p> <ol style="list-style-type: none"> 1. Conceptualize the building of macromolecules through dehydration synthesis. 2. Conceptualize the breaking down of macromolecules through hydrolysis. <p>Lesson Overview (Worksheet and hands on):</p> <ol style="list-style-type: none"> 1. The Making of Macromolecules Activity <p>Check for understanding – Student work and teacher feedback</p>	<p>Academic Standards:</p> <p>AP Sci Practices 1A, 1B, 1C, 2A, 2D AP Content SYI 1, SYI 2, SYI 6, IST 2</p>
	Notes:	<p>Objective: Students will be able to</p> <p>Objective: Students will be able to</p> <ol style="list-style-type: none"> 1. Conceptualize the building of macromolecules through dehydration synthesis. 2. Conceptualize the breaking down of macromolecules through hydrolysis. <p>Lesson Overview (Worksheet and hand on):</p> <ol style="list-style-type: none"> 1. The Making of Macromolecules Activity <p>Check for understanding – Student work and teacher feedback</p>	<p>Academic Standards:</p> <p>AP Sci Practices 1A, 1B, 1C, 2A, 2D AP Content SYI 1, SYI 2, SYI 6, IST 2</p>
	Notes:	<p>Objective: Students will be able to:</p> <ol style="list-style-type: none"> 1. Demonstrate learning for textbook section 6.4 <p>Lesson Overview:</p> <ol style="list-style-type: none"> 2. 6.4 Review 3. 6.4 Quiz <p>Check for understanding – Student work and teacher feedback</p>	<p>Academic Standards:</p> <p>AP Sci Practices 1A, 1B, 1C, 2A, 2D AP Content SYI 1, SYI 2, SYI 6, IST 2</p>
Tuesday			
Wednesday			
Thursday			

Friday	Notes:	<p>Objective: Students will be able to:</p> <ol style="list-style-type: none"> 1. Design an experiment to test the factors contributing to the rate of osmosis in model cells. 2. Measure the differences in Water Potential and % change in mass for a model cell placed in a hypotonic solution under various conditions. <p>Lesson Overview:</p> <ol style="list-style-type: none"> 3. Diffusion and Osmosis Lab – Part 3 (Open Inquiry) <p>Check for understanding – Student work and teacher feedback</p>	<p>Academic Standards:</p> <p>AP Sci Practices 1A, 1B, 1C, 2A, 2D AP Content SYI 1, SYI 2, SYI 6, IST 2</p>
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