

## Biology Lesson Plan

Teacher :JOHNSTON, HARDMAN, CANNON, HAMILTON, CARMACK	
Course/ Subject: Biology	
Date of Instruction: 2/14/23	
<p><b>Opening (I Do)</b></p> <p>An engaging process for lesson introduction that is specifically planned to encourage equitable and purposeful student participation. Describe the instructional process that will be used to introduce the lesson.</p> <p style="background-color: yellow;">TKES 1, 2, 3,4,5, 8,10</p>	<p><b>Standard/s:</b></p> <p>SCSh3. - Students will identify and investigate problems scientifically.</p> <p>SCSh8. - Students will understand important features of the process of scientific inquiry.</p> <p>SB1. Obtain, evaluate, and communicate information to analyze the nature of the relationships between structures and functions in living cells.</p>
	<p><b>Learning Target:</b></p> <ol style="list-style-type: none"> <li>1) I can explain how enzymes function as catalysts.</li> <li>2) I can explain the lock and key mechanism</li> </ol>
	<p><b>Success Criteria:</b></p> <ul style="list-style-type: none"> <li>• I am successful when I can use at least 2 pieces of evidence to support my explanation of how enzymes function as catalysts.</li> <li>• I am successful when I can use at least 2 pieces of evidence to support my explanation of the lock and key mechanism.</li> </ul>
	<p><b>Introduction/Connection:</b></p> <p>macromolecule relate to enzymes</p>
	<p><b>DIRECT INSTRUCTION:</b></p> <p>-Enzyme mini lesson: students will take guided notes if not done yesterday</p> <p>Lab directions: Need for Speed enzyme lab</p> <p>Progress learning practice macromolecules and enzymes</p>
	<p><b>GUIDED PRACTICE:</b></p> <p>- discuss directions for the need for speed- a look at enzyme activity</p> <p>Progress learning</p>
<p><b>Work Period (We Do, You Do)</b></p> <p>Students learning by doing/demonstrating learning expectations. Describe the instructional process that will be used to engage the students in the work period.</p> <p style="background-color: yellow;">TKES 1, 2, 3, 4, 5, 7, 8,10</p>	<p><b>INDEPENDENT/COLLABORATIVE PRACTICE/DIFFERENTIATION:</b></p> <p>-complete the need for speed- a look at enzyme activity</p>

**Closing (We Check)**

Describe the instructional process that will be used to close the lesson and check for student understanding .

TKES : **1,2,3, 4,5,6,7,8**

**SUMMARIZE/CHECK FOR UNDERSTANDING:**

--complete all missing work

**Quiz tomorrow**