**Lesson Title: Protein Synthesis**

**Unit: 130.7**

TEKS: (7)(c)(d)

OBJECTIVES

The student shall be able to:

1. Work on SAE Record Books
2. Identify and compare the three parts of nucleic acids.
3. Interpret protein synthesis.
4. Demonstrate comprehension of protein synthesis.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Protein Synthesis

HO: DNA Monster Activity

HW: DNA Research paper due Monday

TEACHING PROCEDURE

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| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| Use this area as an introduction of what will be done to get the students ready to learn.  Consider some of the following:  1. Link – Review Protein Synthesis.)  2. Motivation – DNA Monster Activity on paper or Computer | Review Previously discussed Protein Synthesis  Pop Corn Questions: If students have questions allow peers to answer |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: State the parts of Nucleic Acids  Objective 2: Explain and Demonstrate Protein Synthesis  Objective 3: Work on Drag and Drop activity with Decoder Wheel | Power point over Protein Synthesis  Drag and Drop Activity |

ENGAGEMENT

Work on Drag and Drop activity with Decoder Wheel.

EVALUATION

Pop Corn Q&A allowing students to ask and answer question. Bring the lesson to a close and review important concepts. Share monster that are created.

ADDITIONAL MATERIALS

College & Career Readiness Standards: II.C.1; II.E.7 (Write in the number/letters already crosswalked for your unit)

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