**Lesson Title: Protein Folding**

**Unit: 7**

TEKS: 7(D)

OBJECTIVES

The student will be able to:

1. Review central dogma of molecular biology.
2. Discuss type of protein.
3. Assess amino acids.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Protein Folding

TEACHING PROCEDURE

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| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – Disscussed DNA, mRNA, tRNA, Transcription and Translation  TRANSITION – Today, we’re going to learn how proteins fold and how proteins work. | Ask questions to students |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: Review Central Dogma of Molecular Biology   * Lecture with Power Point, explain in great detail   Objective 2: Discuss type of protein   * Lecture on each protein type * Explain how they work   Objective 3: Assess Amino Acids   * Discuss each Amino Acid * Explain how they work | Power Point  Lecture; have students engaged in lecture. |

ENGAGEMENT

Knowing how all this works helps when feeding livestock. You also can learn how it all works in your own body.

EVALUATION

Have a Q&A session. Make sure the students understand what was lectured.

ADDITIONAL MATERIALS

Power Point, and Technology.

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

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