**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

|  |  |
| --- | --- |
| 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)

©Texas Education Agency, 2011