**Lesson Title: Impact of Mutations**

**Unit: 130.7**

TEKS: 7 (c) (d)

OBJECTIVES

The student shall be able to:

1. Identify and analyze impacts of mutation.
2. Interpret impacts of mutation.
3. Synthesis of DNA extraction.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Impact of Mutations.

WS: Strawberry Lab

TEACHING PROCEDURE

|  |  |
| --- | --- |
| 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 the following:  1. Link – Review Protein Folding  2. Motivation – Lab of DNA Extraction | Review Q&A  Strawberry Lab |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: Identify and analyze Impacts of Mutation  Objective 2: Interpret Impacts of Mutation  Objective 3: Synthesis DNA Extraction heel |  |

ENGAGEMENT

Lab: DNA Extraction of Strawberry’s for hands on activity.

EVALUATION

Evaluate findings of Lab work and conlusions.

ADDITIONAL MATERIALS

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

©Texas Education Agency, 2011