**Lesson Title: Inheritance Lab**

**Unit: 4**

TEKS: 130.7 (C) (7) (b)

OBJECTIVES

The student shall be able to:

1. Further expound the principles of inheritance
2. Investigate differences between inheritance amongst generations

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

Genetic Inheritance Lab Handout

TEACHING PROCEDURE

|  |  |
| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – Discuss previous lesson over Genetic Inheritance 2. Motivation – Genetic inheritance lab activity |  |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Objective 1: Further expound the principles of inheritance* Teacher will explain how to do the lab (instructions are in the hand out)
* Students will answer the vocabulary questions at the beginning of the lab

Objective 2: Investigate differences between inheritance amongst generations* Go through the lab activity with the students.
 | Students actively engaged in lab activity |

ENGAGEMENT

 Students will use prior knowledge gain within molecular genetics unit to complete this lab activity.

EVALUATION

 Teacher should note the progress each student made at the end of the lesson.

ADDITIONAL MATERIALS

 N/A

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