**Lesson Title: Inheritance**

**Unit: Molecular Genetics and Heredity**

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

OBJECTIVES

The student shall be able to:

1. Discuss randomness in genetics.
2. Investigate principles of inheritance.
3. Comprehend how inheritance plays a role in sex-linked genes
4. Explain the difference between sex- linked, limited, and influenced inheritance

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Inheritance

TEACHING PROCEDURE

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| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – Discuss previous lessons over unit 7  2. Motivation – Have you ever thought about how you received your genetic make-up? Or why you didn’t receive certain traits?  Show “Introduction to Heredity” Video ~ 17 minutes   * Have students take notes over video and discuss afterwards   View Inheritance PPT slides 1-20 | <http://www.youtube.com/watch?v=eEUvRrhmcxM>  Ask questions to students |

ENGAGEMENT

Students take notes over video and PPT, actively participate in Q&A.

EVALUATION

Test at end of Unit.

ADDITIONAL MATERIALS

N/A

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