**Lesson Title: Inheritance**

**Unit: Molecular Genetics and Heredity**

TEKS: (7)(b)

OBJECTIVES

The student shall be able to:

1. Compare the difference between simply-inherited and polygenic traits
2. Classify genotypic and phenotypic characteristics.
3. Draw conclusions from selective trait characteristics.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Inheritance

HO: Longhorn Genetics

TEACHING PROCEDURE

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| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – Discuss previous lessons over unit 7, review Day 8 material over inheritance  2. Motivation – Relate gene transfer process from the students parents into the traits they inherited.  View Inheritance PPT slides 21-25  Perform Longhorn Genetics Activity | Longhorn Genetics Activity  <http://www.shsu.edu/~agr_www/Centennial%20Celebration/documents/Genetics_longhorn_Worksheet.pdf> |

ENGAGEMENT

Students involved in discussion during PPT and perform Longhorn Genetics Activity

EVALUATION

Test at end of Unit.

ADDITIONAL MATERIALS

N/A

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