**Lesson Title: Expected Progeny Difference**

**Unit: Molecular Genetics and Heredity**

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

OBJECTIVES

The student shall be able to:

1. Define Expected Progeny Difference.
2. Identify terms associated with EPD’s.
3. Interpret EPD categories.
4. Analyze EPD variations within breeds.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: EPD’s

HO: EPD Notes

TEACHING PROCEDURE

|  |  |
| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – Using EPD’s for selective breeding practices.  2. Motivation – Ask students to describe any personal experiences with EPD’s.  View EPD PPT  Have students complete notes handout  At the conclusion students will update record books, ask questions of the teacher, and discuss upcoming events associated with each students individual SAE. |  |

ENGAGEMENT

Students will actively participating in lesson by Q&A and taking notes.

EVALUATION

Students will turn in notes page at the end of the lesson for credit.

ADDITIONAL MATERIALS

N/A

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