**Lesson Title: Artificial Insemination**

**Unit: Advanced Animal Science**

TEKS: (12)(a) Include just the number and letter in this area.

OBJECTIVES

The student shall be able to:

1. Define Artificial Insemination.
2. Evaluate the semen collection process
3. Identify normal parameters that deal with AI.
4. Analyze the color and individual motility of semen.
5. Discuss Sperm Morphology.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Artificial Insemination Part 1

TEACHING PROCEDURE

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| --- | --- | --- |
| Interest Approach/Anticipatory Set | | Teacher Notes |
| 1. Link – Student have had some background knowledge of AI. We will watch a video over AI at the beginning of class. <http://www.youtube.com/watch?v=stvnGYcKz60>  2. Motivation – After we watch the video, we will start are lecture over AI.  Objective 1: Define Artificial Insemination. Slide 3  Objective 2: Evaluate the semen collection process. Slides 4-7  Objective 3: Identify normal parameters that deal with AI. Slides 8-9  Objective 4: Analyze the color and individual motility of semen. Slides 10-12  Objective 5: Discuss Sperm Morphology. 13-17 |  | |

Resources: http://www.vet.k-state.edu/studentorgs/bovine/pdf/artificial\_insemination.pdf

* http://www-naweb.iaea.org/nafa/aph/resources/technology-ai.html
* http://www.thebeefsite.com/articles/721/artificial-insemination-for-beef-cattle