**Lesson Title: Artificial Insemination Part 2**

**Unit: Advanced Animal Science**

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

OBJECTIVES

The student shall be able to:

1. Evaluate the handling qualities for semen.
2. Identify the Reproductive system.
3. Analyze the AI process.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Artificial Insemination Part 2

TEACHING PROCEDURE

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| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| 1. Link – We will review what the students have learned the previous day.  TRANSITION – Today, we’re going to continue on lecturing on Artificial insemination.  At the end of the lesson, I will first demonstrate the AI process and then the students will come up in pairs and they will be practice artificial insemination. This will be a hands on activity.    Objective 1: Evaluate the handling qualities for semen. Slides 3-12 Students will understand how to effectively handle the semen during the AI process.  Objective 2: Identify the Reproductive system. Slides 13-14  Identify the female reproductive tract.  Objective 3: Analyze the AI process. Slides 15-16  During this objective students will also participate in the practice of AI with an artificial reproductive tract. | Students will be required to take their own notes. |

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