Charlie Boyce

AED 464

Spring 2011

Dr. Ulrick

Lesson Plan: Advance Animal Science

Section 6:B

“Explain the embryo transfer process and how it can impact the livestock industries.”

1. **Take Role**
2. **Warm Up**
3. Ask the class if anyone knows what embryo transfer is, and what it is used for in the livestock industry.

Give a brief discription and a few examples if the class is unable to give any answers, and correct any incorrect answers that were given.

1. **Interest Approach**
2. Draw on the board the outcome of a small heard of cattle, and explain how embryo transfer can enlarge that heard rapidly for a small fee.

Use an illistrated diagram of how one cow can produce many without the use of an actual bull.

1. **Lecture**
2. Powerpoint over the embryo transfer process and its impact on the livestock industries.

How serogate mothers can be used for the production of livestock.

1. **Video & Realia**
2. Show a short video over the process of embryo transfer

Allow for questions after the film.

1. Show the tools and equipment used for embryo transfer in cattle.
2. **Group Activity**
3. Split the class evenly into groups and ask them to label and diagram a simple outline of the embryo transfer process from start to finish.
4. **Conclusion/Review**
5. Re-cap over the information coverd in the lesson, and ask the class if they have any questions over the subject matter.