**School:** (Place school name here)

**Farm/Business:** AI (Artificial Insemination) Specialist

**Grade:** (Place grade here)

**Theme:** Genetics and Heredity

**Curriculum Focus:** Science: Genetics & Heredity- Decisions

**Time:** 30-40 Minutes (timed for 30 minutes)

**Total Talking Time: 18-24 minutes**

**Total time for Questions: 12-16 minutes**

**Teacher’s Pre-FarmChat Discussion**

•Discuss with students about appropriate behavior during the Farm Chat.

•Remind class how question breaks will work

o Teacher will call on students. Both come up to computer quickly. Look into camera,

say your name and ask question. Return to seat.

**Camera person Introduction: General Introduction and overview -** (Camera to (person behind the

camera) first, and then show barns and surrounding fields) **– 1 minute**

- Introduce self?

- Where are we?

- Show barns and surrounding fields (if need be)

- Introduce Kurt

**Farmer’s/AI Specialist Introduction -** (Close to **AI Specialist** with barn in background) **– 5 minutes**

- Overview of your farm – crops, livestock, etc.

- How long have you worked in AI?

- Why did you decide to work with AI?

- How did you learn how to do AI?

- What schooling is required to do this job?

- What do you enjoy most about your job?

- What is a typical day like?

**Break for 1-2 Questions for Specialist – 3 minutes**

**What you do to artificially inseminate cattle, Genetics Behind Your Job, Decisions of Genetics**

**for Famers** – (close-up of Kurt) - **6 minutes-**

**POSSIBLE QUESTIONS THAT COULD BE STUDENT LED PERTAINING TO SUBJECT MATERIAL IN CLASS**

- What companies are prevalent in the area of artificial selection for cattle?

- When do you know a cow is ready to be artificially inseminated?

- What happens during artificial insemination of a cow?

- What tools do you use to help inseminate cows?

- How are decisions made by farmers on what type of sperm is used for their cows?

- What traits do cattle farmers want in the sperm that they select?

- What can be the possible costs involved with AI?

- What other livestock can farmers do AI with?

**Break for 1-2 Questions for Specialist– 3 minutes**

**Education Needed for the Occupation- 5 minutes**

- What education is needed for your occupation?

- How important is biology for your occupation?

- What classes do you recommend students take in order to be able to do your occupation?

**Break for 1-2 Questions for Specialist- 3 minutes**

**AI Specialist’s Wrap-up** - **2 minutes**

**Final Questions & Good bye – 2 minutes**