

Lesson 3: Dairy Industry

Objectives:

1. Able to name at least 5 careers in the dairy industry.
2. Learn how to fill out an application for a job.
3. Use words related to the dairy industry correctly.
4. Explore the history of the dairy industry.

Iowa Core Curriculum Met:

Science Standards

- Content Standard 1: Students can understand and apply skills used in scientific inquiry.
- Content Standard 2: Students can understand concepts and relationships in life science.

21st Century Skills

- Essential Concept and/or Skill: Communicate and work productively with others emphasizing collaboration and cultural awareness to produce quality work.
- Essential Concept and/or Skill: Adjust to various roles and responsibilities and understand the need to be flexible to change.
- Essential Concept and/or Skill: Demonstrate initiative, creativity, self-direction, and entrepreneurial thinking to produce successful outcomes.
- Essential Concept and/or Skill: Demonstrate productivity and accountability by producing quality work.

Supplies Needed: (supplies can be found at the following website

<http://www.extension.iastate.edu/allamakee/info/dairystory>)

“From Farm To Food To You” Poster

Paper and pencils

Job Application form

Learning Activities: (all activities can be found at the following website

<http://www.extension.iastate.edu/allamakee/info/dairystory>)

Activity 1: Applying for a Job

Activity 2: Career in Dairy Industry

Activity 3: Interview Experience

Activity 4: Living on a Dairy Farm

Activity 5: Dairy Family Generation Video

Activity 6: Spelling Word List

Activity 7: ABC Spelling List

Activity 8: Spelling Word Fill in the Blank

Activity 9: Picture Definition Match Up

Introduction to Unit:

1. Careers

Using the “From Farm To Food To You” poster ask the youth to work with a partner or group of three to create a list of as many different careers/jobs that one might do at each different production step. When finished, have the youth share the careers they thought of by going around the room and each group sharing one idea. Continue around the room until all ideas have been shared. Repeat for each step. Help students with the technical words. They may come up with a description instead of the name of the careers.

List of careers: dairy nutritionist, feed sales representative, breeder, seed dealer, milk inspector, DHIA tester, herd manager, engineer, milk hauler, lab technician, chemist, cheese maker, product designer, advertising and marketing.

Discussion

- If you were looking for a job, do any of these jobs sound like something you would enjoy?
- Select one of the careers identified by the youth. What qualifications would one need to have to get a job doing this? Does it require a college degree? Would experience on a dairy farm be helpful?
- What are some things you would need to consider if applying for a job on a dairy farm? (what hours would you work, do you have to work weekends, will you be responsible for milking the cows or just feeding, etc.)

- **Essential Concept and/or Skill:** *Demonstrate productivity and accountability by producing quality work.*