

Content Area Lesson 1: Products and By Products Activity 4: Sort Dairy Products into Categories

Iowa Core Curriculum Met:

Literacy Standard

- Contents Standard 1: Students can comprehend what they read in a variety of literacy and informational texts.

Science Standard

- Content Standard 2: Students can understand concepts and relationships in life science.

Supplies Needed:

Dairy Word Find (found online at <http://www.extension.iastate.edu/allamakee.info/dairystory>)

Activity Length: 30-40 minutes

Activity Directions:

- A. Use the dairy word find. After students have completed the word find have them sort the words into groups of the following:
 1. Household Goods
 2. Pharmaceutical Products
 3. Travel Related Products
 4. Milk By Products
- B. After students have completed the word find have them take the words and put them into the categories above, then hand out the by-products information sheets for further discussion on the topic.
- C. Discussion:
 - a. What products have you used?
 - b. What would happen if there were no dairy animals?
 - c. What could you do to help others learn about the many by-products?
- D. When looking at products you might see the words casein, casinate, and lactose, all of which are words that signify milk is in that product. Casein is the principal protein which coagulates. Lactose is the sugar that occurs in milk also known as milk sugar.