

TITLE	GRADE LEVEL	SUBJECT
<b>MILK: FROM COW TO CUP</b>	<b>3<sup>RD</sup>-4<sup>TH</sup></b>	<b>PRE-FIELD TRIP</b>
<b>OVERVIEW AND OBJECTIVES</b>	<ul style="list-style-type: none"> <li>• Students will be able to identify where milk comes from and how it gets from the cow to their homes (cup).</li> <li>• Students will be able to list jobs a dairy farmer does every day.</li> </ul>	
<b>VOCABULARY &amp; MATERIALS</b>	<p>Vocabulary: Dairy, Farm, Milk, Truck, Parlor, Processing Plant, Grocery Store</p> <p>Materials: KWL Chart "Mixed Multiplication Milking Cow Tables" Worksheet "Running A Dairy Farm" Video "Running a Dairy Farm" Worksheet Pencils</p>	
<b>BACKGROUND INFORMATION</b>	Prior to field trip, review safety practices and field trip behavior.	
<b>DEVELOPMENT AND ACTIVITIES</b>	<ol style="list-style-type: none"> <li>1. Have students independently complete a KWL Chart, the "know" and "want" portions. For students who finish early have them work on the "Mixed Multiplication Milking Cow Tables" worksheet.</li> <li>2. As a class, orally discuss what students already know about where milk comes from and what they want to know. Teacher will make a list on the board of what students want to learn about where milk comes from during the discussion.</li> <li>3. Play the "Running A Dairy Farm" video on You Tube for the whole class. <a href="https://youtu.be/wcjoQD7SQeE?t=3">https://youtu.be/wcjoQD7SQeE?t=3</a></li> <li>4. While students watch the video, have them complete the "Running a Dairy Farm" worksheet. Once completed, have a short classroom discussion about student's answers.</li> </ol>	
<b>SUMMARY</b>	Students will discover the nutrition behind milk and why it is so important to us. Also, students will learn about the process of milk getting from the dairy farmers to their homes.	
<b>STANDARDS ADDRESSED</b>	<p>4-LS1-1. Construct an argument that animals and plants have internal and external structures that support their survival, growth, behavior, and reproduction.</p> <p>PreK-12 Standard 3 Nutrition Students will gain the knowledge and skills to select a diet that supports health and reduces the risk of illness and future chronic diseases.</p>	

	Nutrition 3.1 Identify the key nutrients in food that support healthy body systems (skeletal, circulatory) and recognize that the amount of food needed changes as the body grows
<b>WORKSHEETS (Attach)</b>	KWL Chart "Mixed Multiplication Milking Cow Tables" Worksheet "Running A Dairy Farm" Video "Running a Dairy Farm" Worksheet

Kate O'Brien M.Ed.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## KWL Chart

What I <b>know</b> about where milk comes from	What I <b>want</b> to know about where milk comes from	What I <b>learned</b> about where milk comes from

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Mixed Multiplication Milking Cow Tables

Fill in the empty box with the product of the multiplication equation. Use the number on the left and number on the cow to find your product.

5 →

12 →

7 →

3 →

6 →

8 →

1 →

4 →

2 →

9 →

10 →

11 →

0 →

7 →

6 →

3 →

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Running A Dairy Farm

Watch the 'Running a Dairy Farm' section. Use the link below to watch the video, then complete the mind map below by noting all of the jobs a dairy farmer does every day. An example is provided below.

<https://youtu.be/wcjoQD7SQeE?t=3>

