



TITLE	GRADE LEVEL	SUBJECT
MILK: FROM COW TO CUP	3 RD AND 4 TH	POST FIELD TRIP

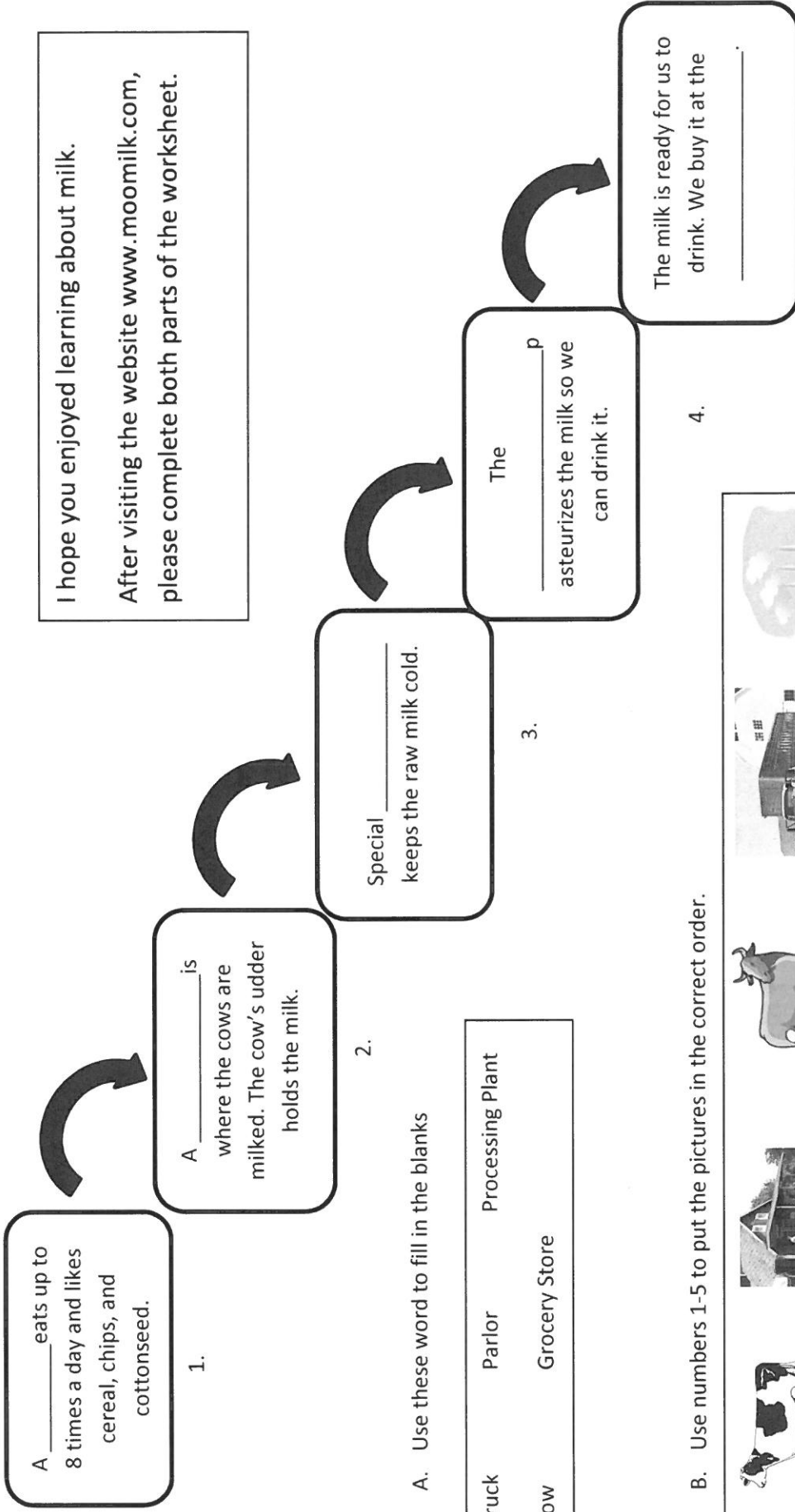
OVERVIEW AND OBJECTIVES	<ul style="list-style-type: none"> Students will be able to express what they learned while on their farm field trip both orally and in writing. Students will be able to explain the process of how milk gets from the cow to their homes to consume. Students will understand various produces that come from cows.
VOCABULARY & MATERIALS	<p>Vocabulary: Dairy, Farm, Milk, Truck, Parlor, Processing Plant, Grocery Store</p> <p>Materials: KWL Chart "The Story of Milk: From the Cow to the Cup" Worksheet "Farm to Plate" Worksheet Pencils</p>
BACKGROUND INFORMATION	Prior to field trip, review safety practices and field trip behavior.
DEVELOPMENT AND ACTIVITIES	<ol style="list-style-type: none"> Have students complete the "Learned" portion of their KWL charts from prior to their field trip. Have a class discussion about students' different answers. Have students work in pairs to explore www.moomilk.com virtual tour. While doing this, they should complete "The Story of Milk: From the Cow to the Cup". *To make a modification for this worksheet, the word bank can be removed. Once students have completed that, have students individually complete the "Farm to Plate" worksheet to wrap up what they have learned. Close out the unit by having students share some of their answers with the class.
SUMMARY	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.
STANDARDS ADDRESSED	<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> <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</p>

	<p>PreK-ESS3-1(MA). Engage in discussion and raise questions using examples about local resources (including soil and water) humans use to meet their needs.</p> <p>2-LS2-3(MA). Develop and use models to compare how plants and animals depend on their surroundings and other living things to meet their needs in the places they live.</p> <p>Clarification Statement:</p> <ul style="list-style-type: none"> • Animals need food, water, air, shelter, and favorable temperature; plants need sufficient light, water, minerals, favorable temperature, and animals or other mechanisms to disperse seeds.
<p>WORKSHEETS (Attach)</p>	<p>"The Story of Milk: From the Cow to the Cup" Worksheet</p> <p>"Farm to Plate" Worksheet</p>

Kate O'Brien M.Ed.

Name: _____
Date: _____

The Story of Milk: From the Cow to the Cup



I hope you enjoyed learning about milk.
After visiting the website www.moomilk.com, please complete both parts of the worksheet.

A. Use these words to fill in the blanks

- Truck
- Parlor
- Grocery Store
- Processing Plant

B. Use numbers 1-5 to put the pictures in the correct order.

1. _____

2. _____

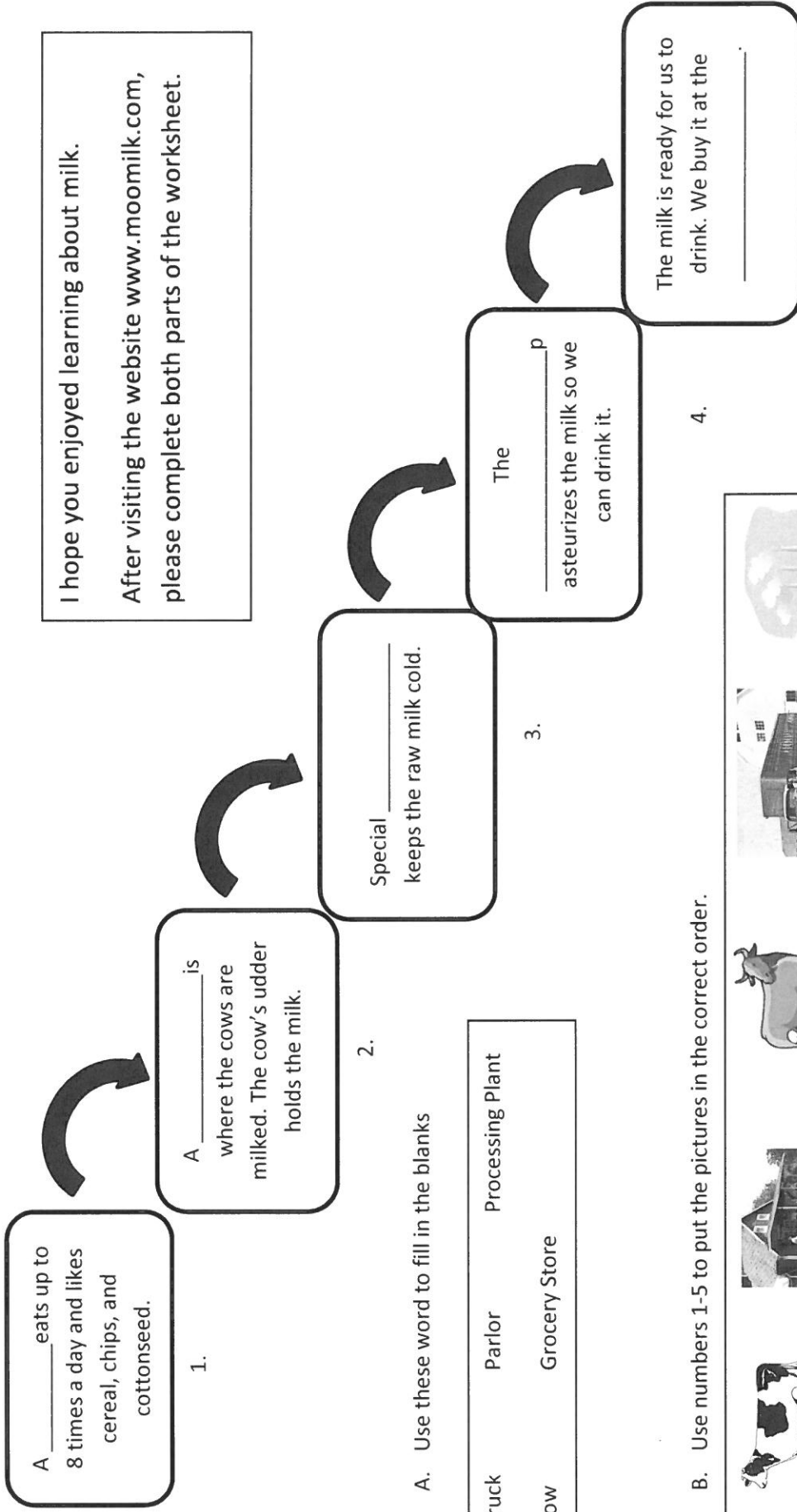
3. _____

4. _____

5. _____

Name: _____
Date: _____

The Story of Milk: From the Cow to the Cup



I hope you enjoyed learning about milk.
After visiting the website www.moomilk.com, please complete both parts of the worksheet.

A. Use these words to fill in the blanks

- | | | |
|-------|---------------|------------------|
| Truck | Parlor | Processing Plant |
| Cow | Grocery Store | |

B. Use numbers 1-5 to put the pictures in the correct order.

Name: _____

Date: _____

Farm to Plate

Use an online dictionary to find the meaning of the following dairy words:

Colostrum: _____

Ruminant: _____

Rennet: _____

Pasteurization: _____

Homogenization: _____

Unscramble the following words:

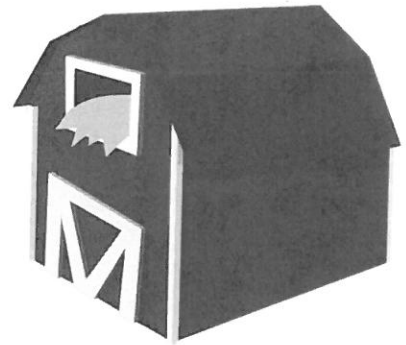
DCU _____

DSEURD _____

RIBTH _____

RUFO _____

KINMLIG _____



Using all of the words provided, write a paragraph describing the 'From Farm to Plate' process. (dairy, tanks, farm, deliver, supermarket, transported, milking, pumps).