

# Teachers Guide

## RECOMMENDED READING

- Clarabelle** by Cris Peterson ISBN-13: 978-1590783108  
**Daddy Played Music for the Cows** by Maryann Weidt ISBN 0 89317 060 7  
**Extra Cheese, Please!** by Cris Peterson - ISBN-13: 978-1590782460  
**Farming** by Gail Gibbons ISBN978 0 8234 0797 2  
**From Cow to Ice Cream**, Bertram Knight ISBN 0-516-20706-7  
**Milk from Cow to Carton** by Alike  
**Pizza for the Queen** by Nancy F. Castaldo ISBN-13: 978-0823418657  
**The Milk Makers** by Gail Gibbons

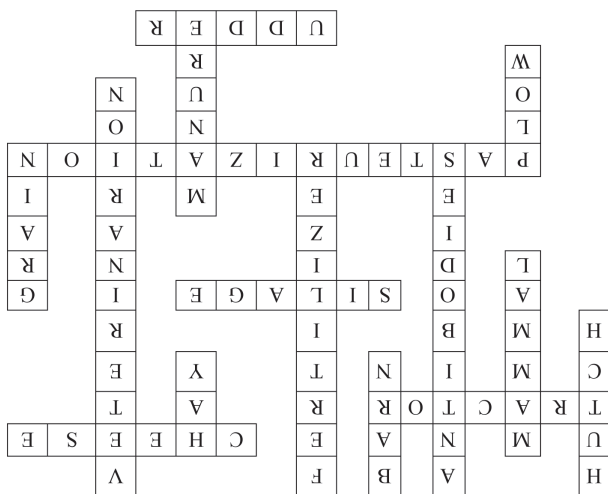
## EXTENSIONS

**ADOPT A FARM** – Find a farm in your area. Have students learn about how that farm produces food and/or fiber. The MAITC website includes a Teachers Resource Guide of Maine Farms that are willing to work with schools, host field trips and/or present in your classroom. Visit [www.MaineAgintheClassroom.org](http://www.MaineAgintheClassroom.org).

**GROW FOOD ON SCHOOL GROUNDS** – Form a team of teachers, parents and other volunteers to start a school garden. Maine School Garden Network, [www.MSGN.org](http://www.MSGN.org) can help! Local dairy farmers may be willing to help too! Compost from the farm, tilling a site and advising students on crops are just a few of the ways. Growing food can develop into top-notch service learning projects too!

**HAVE A FARM DAY** – Many schools are creating exciting learning opportunities through focus days for all students at the school. Contests like “The Best Barn Door” contest can be used to build awareness. Farmers and even animals may be willing to visit. The cafeteria can add an educational program showing where the foods served come from, or how they are processed.

**HAVE A HARVEST LUNCH** – Schools across Maine are participating in Harvest Lunch Week, recognized by the Maine Department of Education for a week in the fall. Schools can access food for part or all of the week from local farms. Students meet farmers and write stories or use experiential learning techniques, artwork, math lessons, and more, that revolve around the local food system.



Dairy Crossword for You Answers (from page 2)

### **COW-culations! answers (from page 3)**

- 1) 63 cows. 2) 106 cattle. 3) 57 cows. 4) 270 lb., 1,890 lb. 5) 540 glasses in a day, 16,200 glasses in a month. 6) 102 qt., 204 pt. 7) 1,090 ft., 6 rolls, 110 ft., \$272.50 for wire used. 8) 306 gal. 9) 8,910 glasses per day. 10) 132 cows, 11,880 glasses per day.

### **Trivia answers (from page 8)**

1. Cows came to America with Christopher Columbus
2. Dairy cows can live up to 20 years.
3. About 350 “Squirts”, depending on the cow

### **Career Definitions (from page 8)**

**Hoof Trimmer** – A professional that comes to the farm to trim the cows feet so they can walk properly.

**Machinery Operator** – Person that works for the farm to operate Tractors and other machinery.

**Dairy Farmer** – Person who runs a dairy farm and manages both crops and animals.

**Mechanic** – Person that is trained to keep all the machines running correctly.

**Milk Truck Driver** – Person that drives a truck that transports milk.

**Veterinarian** – Animal doctors.

### **Dairy Farm Story answers (from page 13)**

Dairy, Milk, Cheese, Butter, Yogurt, Calf, Heifer, Fair, Groom, Hutch, Hoof Trimmer, Cattle, Brown Swiss, Veterinarian.