



DAIRY ACTIVITY SHEET

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Science, Engineering & Technology
"Milking It, Yummy"

Life skill: Reasoning

Science Skill: Interpret/Analyze/Reason

Milk	<u>F</u>
Swiss cheese	<u>J</u>
Pasteurization	<u>L</u>
Processing plant	<u>C</u>
Homogenization	<u>B</u>
Whey	<u>K</u>
UHT	<u>A</u>
Calcium	<u>H</u>
Rennet	<u>E</u>
Mozzarella	<u>N</u>
Yogurt	<u>G</u>
Water	<u>I</u>
Buttermilk	<u>D</u>
Separation	<u>M</u>

- A. Ultra high temperature pasteurization
- B. The process of breaking up the fat particles
- C. From truck to packaging
- D. Liquid leftover from churning milk
- E. Used in making cheese
- F. Has a pH value ranging from 6.5 to 6.7
- G. Contains the active culture lactobacillus
- H. An important nutrient in milk
- I. Is milk's largest ingredient
- J. A hard cheese with holes
- K. Watery part of milk that separates from the curds
- L. Heated to 160° for 30 minutes
- M. Resulting in cream and skim milk
- N. Pizza

- Milk contains more nutrients than any other food.
- Milk gives you calcium, riboflavin & protein needed for healthy skin & good vision.
- A teenager needs three cups per day of dairy products.

Milk is stored at 45°	T	<u>F</u>
Farmers are paid for components	<u>I</u>	F
SCC is the number of white blood cells	<u>I</u>	F
Bulk tanks are made of aluminum	T	<u>F</u>
Butter is made from yogurt	T	<u>I</u>
Jersey's have the highest butterfat	<u>I</u>	F
Cheddar cheese is a soft cheese	T	<u>F</u>
Vitamin D helps skin	<u>I</u>	F
Casein is the milk protein	<u>I</u>	F
Milk can absorb other food flavors	<u>I</u>	F



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