Ag Science 1 · Unit 6 · Level 1

Dairy



TODAY'S PLAN

- 🐄 Dairy cows
- 🥛 Milk
- 🔥 Keep milk safe
- 🧀 Milk foods

Words to Know

Words to Know



Dairy cow
a cow that gives milk



Holstein
black and white milk cow



Jersey
small brown milk cow



Milking parlor
where cows get milked

Learn

Dairy Cows

🐄 Dairy cows give **milk**.

🌾 They eat **grass** and hay.



Learn

Washington Loves Milk

🍎 #1 farm product: **apples**

🥛 #2 farm product: **milk**

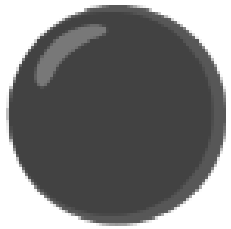


Compare

Two Milk Cows



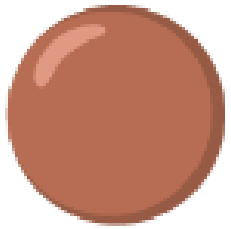
Holstein



⚫⚪ Black and white

🥛 Most milk

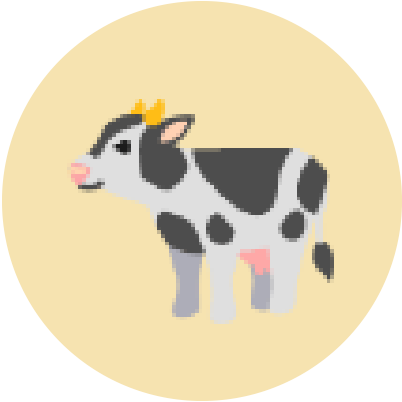
Jersey



🟤 Brown

🧈 Creamy milk

🃏 Check 1 of 3



Which cow is black and white?

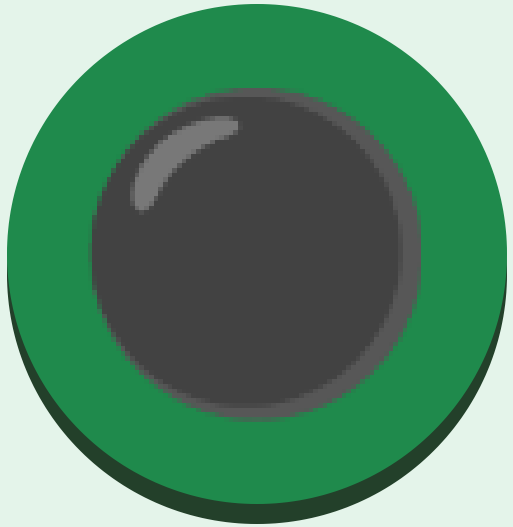
Point to the picture!

🟤 Jersey

⚫ Holstein

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✅ Answer · Card 1 of 3



Holstein

Holsteins are black and white.

Learn

Milking Time

🥛 Cows go to the **milking parlor**.

🤖 Machines milk them.



Learn

Keep It Cold

🚚 A truck takes milk to the plant.

🧊 Milk stays **cold**.



Learn

Pasteurize



🔥 Heat milk to kill **germs**.

🧊 Then keep it cold.

🃏 Check 2 of 3



Why do we heat milk?

Point to the picture!

🦠 Kill germs

☕ Make it hot to drink

✅ Answer · Card 2 of 3



Kill germs

Pasteurizing kills germs.

Learn

Milk Makes Me Strong



- 🦴 **Calcium** for bones
- 💪 **Protein** for muscles

Learn

Foods Made From Milk



Cheese
milk made solid



Butter
from cream

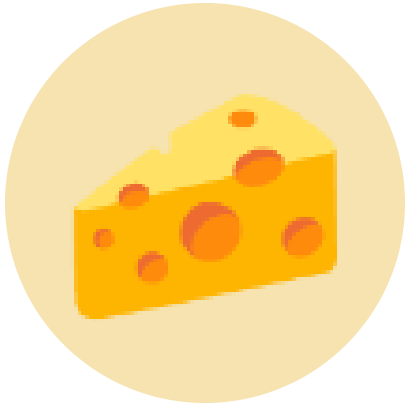


Yogurt
good germs



Ice cream
frozen

🃏 Check 3 of 3



Which food is made from milk?

Point to the picture!

🧀 Cheese

🍞 Bread

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✅ Answer · Card 3 of 3



Cheese

Cheese is made from milk.

Learn

Baby Calves



🍼 A calf drinks **colostrum** first.

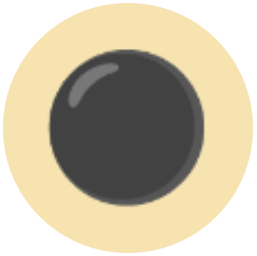
🛡️ It keeps the calf healthy.

Wrap-Up

Recap



Dairy cows
give milk



Holstein
black and white



Pasteurize
kill germs



Milk foods
cheese, butter, ice cream

Wrap-Up

Great Job!



🐄 Cows give milk.

🔥 We heat milk to kill germs.

🧀 I can name a milk food.