

Wow! That Cow!

Materials needed for your own cow.

- Cow cut out from Arkansas Farm Bureau.
- Sticky back squares of Velcro/hook and loop closure.
- Various Household Items or Packaging to attach to the cow.
(I'm giving a large list. Shorter class periods and younger kids will use less.
When teaching older children, you might want more. Just make sure, you use some from each category.)
- Storage Box/Bag for your items.
- I find placing the soft side of the Velcro on the cow makes it less likely to snag clothing or upholstery in a vehicle. I place full size soft squares on the cow and then cut the rough/hook size down for smaller items. This enables you to stick items anywhere and not be limited to where you can place them. Empty containers of items are perfect for placing on your cow. Travel and sample size packages are great.

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Items to consider adding for your box/bag.

Fats/Fatty Acids and Protein Meals

Candles (Birthday Candles work well)	Linoleum
Cosmetics (an empty lipstick tube is perfect)	Perfume
Plastic Wrap/Resealable Bags	Mouthwash
Detergents	Toothpaste
Shoe Polish/Cream	Shaving Cream
Shampoo/Conditioner	Pet Food
Deodorant	Cake Mixes
Chalk	Crayons
Matches	Hand Cream

From Gelatin (from bones and connective tissue)

- Photographic Film
- Gummy Bears/Worms
- Fruit Snacks
- Jello

Bones, Hooves, Horns, Hair

Collagen Powder	Band-Aids
Elmer's Glue (point out the cow in the logo)	Wallpaper
Sheetrock/Drywall	Emery Board
Buttons	Toothbrushes
Paint Brush (try to find a small natural hair artist brush, but any will work as an example)	

Hide

- Belts (leather bracelet or dog collar is a great example)
- Sporting Goods (deflated mini football or basketball)
- Wallets
- Shoes

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Items to consider adding for your box/bag.

Internal Organs

Dye and Ink
Fishing Line
Medical Sutures/Stitches
Sausage Casing
Instrument Strings (violin/guitar)

Pharmaceutical Products

From Pancreas

Insulin (use image)

From the Liver

Heparin (use image)
Vitamin B-12 (use bottle or image)

From the Bone

Bone Meal (image or supplement bottle)

From the Blood

Blood Meal (plant supplement - use empty bag)
Iron (use empty bottle)

Milk By Products

Butter
Ice Cream
Whey
Cheese

Other products to note

Tires contain stearic acid which helps rubber hold its shape. (From tallow/beef fat)
Antifreeze contains glycerol from fatty acids.
Asphalt has a binding agent from beef fat.
Glue made from beef protein is used in car bodies.

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Books

I often use easy reader books for junior high and high school students. It's a simple way to get lots of information in an easy-to-understand format, especially for students that are not familiar with agriculture.

ArFB Ag Reader - Beef	3rd - 6th*
ArFB Ag Reader - Dairy	3rd - 6th*
Wow, It's a Cow! by Trudy Harris	PreK
The Cow Said Neigh! by Rory Feek	PreK
The Milk Makers by Gail Gibbons	PreK - 3rd
How Did That Get in My Lunchbox? by Chris Butterworth	PreK - 3rd
The Cow That Went OINK by Bernard Most	PreK - 3rd
Wow It's a Cow by Sharon Villapiano	PreK - 3rd
Click, Clack, Moo Cows That Type by Doreen Cronin	PreK - 3rd
Giggle, Giggle, Quack by Doreen Cronin	PreK - 3rd
Tales of the Dairy Godmother: Chuck's Ice Cream Wish by Viola Butler	PreK - 3rd
C is for Care by Amanda Radke	K-6th
Levi's Lost Calf by Amanda Radke	3-6th

**Can be used PreK-12.*

Others from American Farm Bureau Federation for Agriculture Reading List

Amazing Grazing by Cris Peterson	PreK - 3rd
Cattle Kids by Cat Urbigit	PreK - 3rd
Clarabelle Making Milk and So Much More by Cris Peterson	PreK - 3rd
Cowgirl Up! Let's Go Ranching by Rianna and Sheridan Chaney	PreK - 3rd
Extra Cheese, Please by Cris Peterson	PreK - 3rd
Star Become a Mother by Rianna and Sheridan Chaney	PreK - 3rd
The Beef Princess of Practical County by Michelle Houts	PreK - 3rd
Beef Strong by Amanda Radke	3 - 6th
Little Joe by Sandra Neil Wallace	3 - 6th
Can-Do Cowkids by Amanda Radke	3-6th
The Journey of Rowdy the Cow Kid by Amanda Radke	3-6th