

President: Dan Edgington Vice President: Shawn White Treasurer: Jeff Reusser Secretary: Katie Sears Youth Director: Renae Lizarraga

# MOOEY CHRISTMAS

From Flame and the OVDBA board



## OVDBA Youth Winter Project Announcement

When we start thinking what comes from a cow, we might think of pot roast, hamburgers, steaks, milk, cheese, or butter. If we stretch our imaginations, we might think of cow tongue tacos, tallow, or even leather.

What if I told you that crayons, chewing gum, paint, deodorant, Jell-O, marshmallows, medicine, and instrument strings are among many products that can come from a cow? Over the years, cows have become much more than a meal on a plate. Every part of a cow (except the moo) is used in products that we use daily. A cow's brain, blood, fat, internal organs, skin, hair, bones, hooves and horns, as well the milk and even the manure are all used to make products that we all use.

Here is your assignment: Make a 3D project on poster board or a project board showing cattle by-products. Draw a large outline of a cow on a poster, then glue or tape cattle by-products inside. You can use actual products (such as a deodorant tube, a pack of gum, a toothbrush, etc.) or you can glue labels or pictures of the products inside your cow. Maybe you will choose to outline your cow with pasta noodles (another by-product) or use a paintbrush for a cow tail. Be creative! ☺ This project is due by February 28, 2023. With the completion of this project, you will earn a ticket for the heifer drawing at the 2023 OVDBA Dexter Show. Simply share your completed project with me, and I'll give you credit., As always, email me at [OVDBAyouth@gmail.com](mailto:OVDBAyouth@gmail.com) if you have any questions!

There's a cow in my marshmallow!



# Where's the Beef? Beef By-Products

The word “beef” probably makes you think of meat, like hamburger and steak. These are the main products of the beef animal, but there are many other by-products you likely use every day. By-products are the items that can be produced with what’s not used to make the main product. Very little of a beef animal is wasted. A beef by-product is anything made from a beef animal other than the beef we eat. Some by-products can be edible, like the gelatin from the beef animal’s hooves and horns that is used in marshmallows. Many by-products are inedible, like the leather from the hide that is used to make baseballs. Other by-products are used in medicine like insulin that is made from the animal’s internal organs. You probably use at least one item containing beef by-products every day!

## Bones/Hooves/Horns

adhesives	lamination
bandaids	pet food
buttons	photo film
charcoal	piano keys
china	plant food
combs	plastics
conditioner	plywood
dice	shampoo
football helmet	tooth brushes
glass glue	wallpaper

## Manure

fertilizer  
nitrogen  
phosphorous  
methane gas

## Fat

antifreeze	detergents	paint
bio-diesel	dish soap	perfume
candles	fireworks	pesticides
cement	insulation	plastics
ceramics	linoleum	rubber
chalk	lipstick	shaving cream
chewing gum	makeup	soap
crayons	margarine	tires
creams & lotions	matches	toothpaste
deoderant	oils & lubricants	

## Hide (Hair & Skin)

adhesives	gummy bears
air filters	insulation
baseball	leather
baseball mitt	marshmallows
belts	medicines
boots	paint brushes
candies	plaster
clothing	sneakers
dry wall	soccer ball
felt	volleyball
football	wallets
gelatin	



## Internal Organs/Blood

cake mixes  
dyes & inks  
fishing line  
imitation eggs  
instrument strings  
insulin  
medical sutures (stiches)  
medicines  
pasta  
sausage casings  
tennis racket strings

# Where's the Beef?

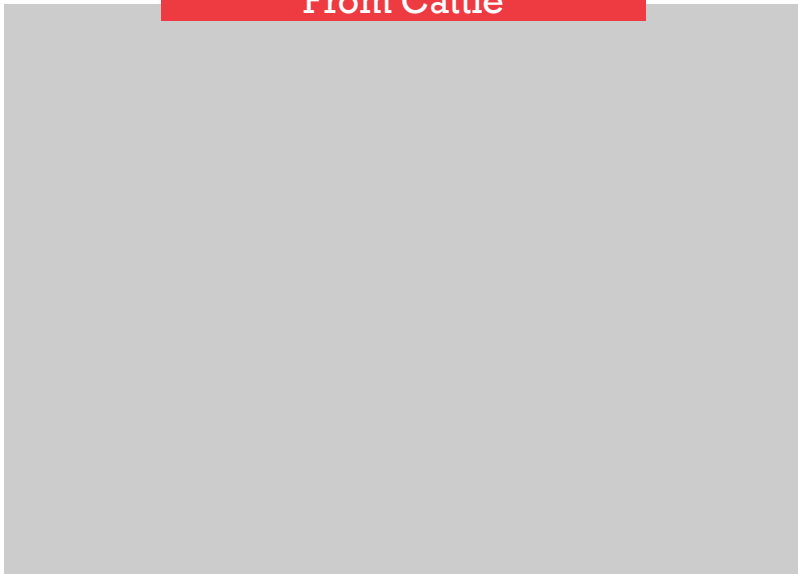
## Beef Products & By-products

GRADES K-2



Farmers raise and care for animals to provide us with foods and products we can use. Beef animals provide us with delicious and nutritious beef food products, like steak and ground beef. These are the main products of the beef animal, but the other parts of the animal that we can't eat are used to make by-products. We get lots of by-products, like baseballs and paint, from the other parts of the cattle that don't give us meat.

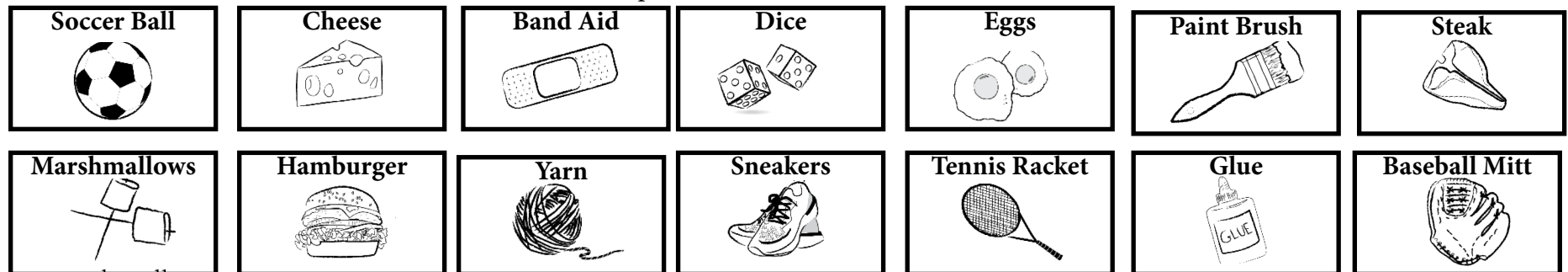
From Cattle



From Other Farm Animals



Cut out the images of the products and by-products from farm animals below. Sort them into the correct box above to match the farm animal that provides them for us to eat or use.



# Where's the Beef?

## Beef Products & By-products

Grades 3-5



Farmers raise and care for animals to provide us with foods and products we can use. Beef animals provide us with delicious and nutritious beef food products, like steak and ground beef. These are the main products of the beef animal, but they also provide us with lots of by-products that we use every day. Use the **Where's the Beef: Cattle By-Products** sheet to discover the many different by-products of beef. **List** at least 3 beef products or by-products that can be used in each of these places.

**Bathroom**

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**Camping**

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**Gym Class**

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**Bedroom**

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**Transportation**

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**Art Class**

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**Kitchen**

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**House Construction**

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**Where else are beef by-products?**

**Pick** a different place listed above and **list** at least 3 beef products or by-products that can be used there. Place:

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**Where do you use beef by-products on a regular basis?**

**Write** a paragraph explaining the importance of beef by-products in your life?

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