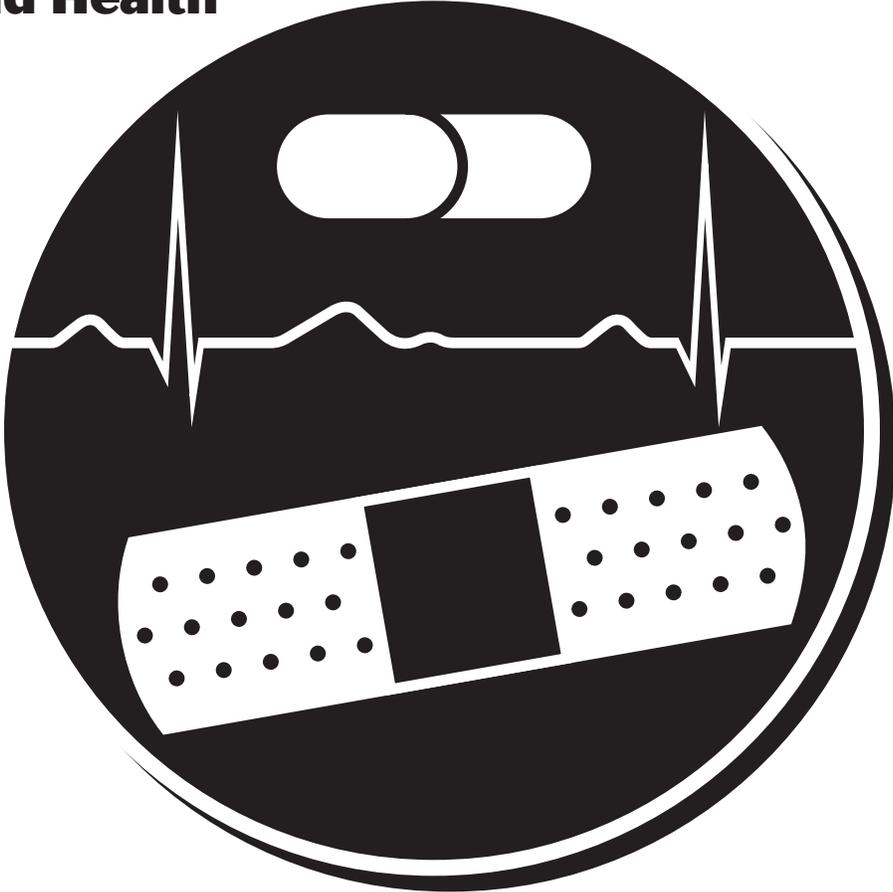


# Medicine and Health



# Transportation



## Icon Card 1

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Medicine and Health

- Adhesive tape is made with glue from sheep and cattle bones, horns, hooves, skin and cartilage.
- Natural vitamins come from plant sources such as corn.
- Natural minerals come from animal sources such as calcium from powdered oyster shells or dairy products.
- Antiseptic soap contains animal fats or oils from crops.
- Gelatin made from beef cattle is used to make soft-shell capsules (gel caps).
- Vaccines are grown in an egg medium.
- Insulin to treat diabetics comes from the adrenal glands of cattle, sheep, and swine.
- Ingredients for anti-rejection drugs and for killing viruses come from cattle.
- Bone and collagen from beef and sheep are used in plastic surgery.
- Hog heart valves are used to replace damaged or diseased human heart valves in open-heart surgery.
- Skin from hogs is used to treat burn victims.
- Several medicines are produced from hogs. Examples include cortisone (decreases inflammation), trypsin (breaks down proteins), oxytocin, and melatonin.



## Icon Card 2

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Transportation

- Leather upholstery is made from cow hides.
- Ethanol fuels – E10 (10% ethanol blend) and E85 (85% ethanol blend) are made primarily from corn, although they can be made from other agricultural crops.
- Biodiesel is made from soybean oil, animal fats, used fats and oils from the restaurant business.
- Beef fat is used to make rubber tires; and it helps tires hold their shape.
- Asphalt contains a binding agent from beef fat that holds it together.
- Leather shoes are made from cowhides and canvas shoes come from cotton.
- High performance grease and brake fluid contain beef fat.
- Chamois used to polish your car is made from sheep hide.
- Biodegradable plastics made from corn are being use in automobile and light truck interiors.
- Antifreeze contains a chemical called glycol from swine, sheep and cattle that prevents the fluid from freezing.
- Jet fuel is made using beef fats and proteins.
- Outboard engines for boats use oil that contains animal fats and proteins.
- Automobile bodies use glue made from bones, horns, hooves and cartilage of farm animals.

**Sports**



**Environment**



### Icon Card 3

## CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

### Sports

- All food at sporting events comes from agriculture (hot dogs, hamburgers, potato chips, French fries, peanuts, popcorn, etc.).
- Most athletic shoes are made from leather that comes from cowhides and glue that comes from sheep and cattle bones, horns, hooves, skin, and cartilage.

#### Tennis

- The outer covering on a tennis ball is wool from sheep.

#### Baseball

- The bat is made from wood (tree farms).
- The baseball is made using several agricultural products:
  - The ball is stuffed with wool.
  - The outer hide is made from cattle leather.
  - The ball is sewn with wool.
  - The ball's inner lining is made with sheep and cattle fat.
- Baseball gloves of any type and the catcher's mitt are made with leather from cowhides.

#### Billiards (Pool)

- The felt covering of the pool table is made from sheep's wool.
- Pool cues are made from wood (tree farms).

#### Soccer

- Soccer balls are made with leather from cowhides.

#### Football

- Footballs are made with leather from cowhides.

#### Volleyball

- Volleyballs are made with leather from cowhides.

#### Basketball

- Basketballs are made with leather from cowhides.
- The net is made from cotton cording.

#### Weightlifting

- Weightlifting gloves are made with leather from cowhides.

#### Racecar Drivers

- Gloves are made with leather from cowhides.  
(See the Transportation Icon Card)

#### Golf

- Golf courses use different types of grasses that are grown on turf farms.

#### Hockey

- Hockey sticks are made from wood (tree farms).
- Adhesive tape is made with cotton and adhesives that contain animal products.
- Goalie and player's gloves, shin guards, elbow pads and goalie pads are made of leather from cowhides.
- Ice skates are made from leather.

#### Lacrosse

- Lacrosse sticks are made of wood and strung with rawhide from cattle.



### Icon Card 4

## CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

### Environment

- Biofuels are a renewable resource. They are made from corn, soybeans, and other agricultural products.
- Biodiesel reduces air pollution by reducing particle emissions. It is made from corn, soybeans, and other agricultural products.
- Cornstarch plastic and paper bags are biodegradable. They are made from corn and trees.
- Plastics made from cornstarch are biodegradable.
- Natural fibers for clothing are biodegradable.
- Ethanol is made from corn and reduces carbon monoxide pollution 25-30 percent.
- Wool is used to soak up oil spills and leaks. Of all products tested, wool has the highest absorptive capacity absorbing up to 44 times its own weight, and has the greatest reusability.
- During large marine oil spills, damaged marine birds are washed of the damaging crude oil and then fitted with wool sweaters to maintain their body temperature until their own natural oils return to their feathers.
- Sheep, goats and cattle are used to graze areas where keeping grass, shrubs and trees short is important and mowing too costly or too difficult – power line right-of-ways, forest fire breaks, canal banks, city parks, etc.
- Goats will graze on major invasive species such as kudzu and keep it under control or slow its spread.
- Sheep manure aids in cleaning up petroleum tainted soils. (It enhances the climate for microbes that break down the oil.)
- Sheep, goats and cattle can graze on land that cannot grow plant crops for human food. They can turn nutrient-deficient land into nutritious food for people.
- Cattle recycle food processing by-products such as sugar beet pulp, almond hulls, citrus pulp, etc. and this saves landfill space.
- The hooves of cattle aerate the soil. This allows more air to enter and is better for plants.
- Grazing keeps noxious weeds under control.
- Cattle are important in grass-fire prevention. Their grazing keeps the grass short, reducing fuel for a fire.
- Animal manures (cattle, hog, poultry) are used to produce methane, a renewable energy source.
- Farmers are placing wind turbines on their farms to create renewable, non-polluting energy.

**Food**



**Housing and Construction**



## Icon Card 5

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Food

Almost all foods are produced on farms or ranches. Even many wild fish and shellfish are now seeded or farmed.

Seafood, including:

- mussels
- scallops
- oysters
- shrimp
- crayfish/crawfish
- catfish
- tilapia
- trout
- salmon

Flavorings of all types, including:

- maple
- lemon
- almond
- coffee
- vanilla
- orange
- lemon
- lime
- birch
- mint
- chocolate

Spices of all types, including:

- cinnamon
- nutmeg
- pepper
- mustard seed
- onion
- garlic powder
- herbs

Many types of candy, including:

- Gummy bears, gummy worms, jelly beans, marshmallows are all made from gelatin from beef cattle.
- flavorings
- chocolate
- sugar
- nuts



## Icon Card 6

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Housing and Construction

- Paints and wood stains contain emulsifiers and stabilizers from plant and animal products.
- High-grade steel is made with bone charcoal (special charcoal made from burning bones) from cattle and sheep.
- Plywood is held together using adhesives made from sheep, cattle and swine.
- Insulation has animal products and paper (made from trees) in it.
- Cement contains ingredients from farm animals.
- Waterproofing agents contain products from farm animals.
- Putty contains products from farm animals.
- Linoleum flooring contains products from farm animals.
- Components in wall paper contain products from farm animals.
- Wool is used in weather stripping.
- Cardboard and wood forms (from trees) are used in setting concrete.
- Plastics of any type are manufactured using animal and plant products. This would include the plastic components of video games, pool floatation devices, balls, etc.
- Biodegradable plastics are made from cornstarch.

# Music and Art



# Recreation, Pets and Gardening



## Icon Card 7

CONNECT  
**THE**  
DOTS

WHERE DOES MY FOOD COME FROM?

### Music and Art

- Drums use sheep hide.
- Drumsticks are made of wood.
- Many musical instruments are made of wood (cello, violin, string bass, oboe, etc.).
- Piano keys can be made of sheep bone.
- Lubricating oils for metal instruments include animal and/or plant products and the cloths used to oil or clean are cotton.
- Lanolin (one of the natural oils from the fleece of a sheep) is used in art media.
- Wool, boar bristles and wood are used to make artist brushes.
- Crayons contain animal products or can be made from soybeans.
- Chalk is held together with adhesives made from farm animal products.
- Paper is made from trees.
- High quality papers may contain linen or cotton fibers.
- Canvas for oil painting is made from cotton.
- Paste contains corn starch and adhesives are made from animal products.



## Icon Card 8

CONNECT  
**THE**  
DOTS

WHERE DOES MY FOOD COME FROM?

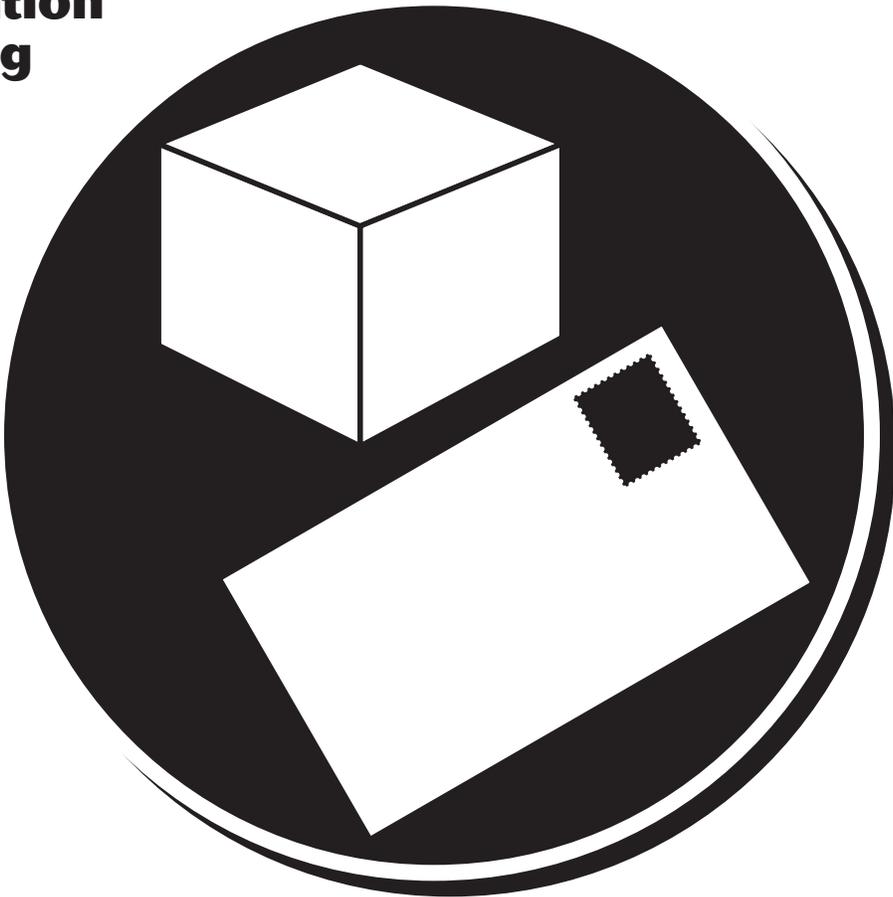
### Recreation, Pets and Gardening

- Fireworks use paper (from trees) inside and out.
- Veterinarians use stitches made from sheep intestines to prevent complications.
- Meats from all farm animals are used to make pet foods, as are corn, wheat, barley, oils, and vegetables.
- Pet chews are made from animal hides.
- Manure from cattle, sheep, hogs, horses, and poultry is used as fertilizer for both organic and conventional agriculture.
- Wool mats can be used for mulching and to control weeds, eliminating the need for herbicides or black plastic sheeting.
- Insecticides and herbicides both contain products from swine.
- Games that contain paper or cardboard are printed with natural inks or use some type of plastic made from crop and animal products.
- Much of the firewood sold for campfires is produced on tree farms.

# Cosmetics and Personal Care



# Communication and Shipping



## Icon Card 9

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Cosmetics and Personal Care

### Cosmetics

- Lipstick contains lanolin from sheep.
- Mascara contains lanolin from sheep.
- Cosmetics contain plant and animal fats and oils such as avocado oil.

### Personal Care

- Shampoo contains lanolin from sheep.
- Hair conditioners contain lanolin from sheep.
- Lotions contain lanolin from sheep, oils from soybeans, corn, avocado, and vitamins from corn.
- Essential oils from citrus are used to enhance scents.
- Contact lens cleaner contains pepsin from swine.
- Detergents contain products from farm animals.
- Deodorants contain products from farm animals.
- Shaving cream contains products from farm animals.
- Soaps contain products from farm animals.
- Disposable diapers are made of paper (tree farms) and contain superslurper made from corn. Superslurper is a corn starch product that can hold a great deal of water.
- Non-disposable diapers are made from cotton.



## Icon Card 10

# CONNECT THE DOTS

WHERE DOES MY FOOD COME FROM?

## Communication and Shipping

- Packing peanuts are made from corn.
- Cardboard boxes and envelopes are made from wood (tree farms).
- Wooden pallets (tree farms).
- Paper for labels (tree farms).
- Ink for labeling and printing is made from plants.
- Glue is made from animal products.
- Leather and cotton for high quality book binding comes from plant and animal sources.
- Paper is from trees and it may have other plant fibers.

**Dining and Housewares**



**Clothing**



## Icon Card 11

CONNECT  
THE  
DOTS

WHERE DOES MY FOOD COME FROM?

### Dining and Housewares

- Dishes made of bone china use bone of beef and sheep.
- Enamel paints contain products from hogs.
- Rugs are made with wool.
- Rug pads are made with wool.
- Glass is made using animal products.
- Water filters are made using animal products.
- Cellophane contains products from trees and farm animals.
- Floor waxes contain fats from farm animal.
- Matches (wooden or paper) are made from trees, and products from farm animals hold the match head together and on the matchstick.
- Ceramics contain products from farm animals.



## Icon Card 12

CONNECT  
THE  
DOTS

WHERE DOES MY FOOD COME FROM?

### Clothing

- Some dyes are from plant sources such as indigo to dye denim blue.
- Many types of clothing are made of natural fibers – cotton, linen, and hemp.
- Clothing made with nylon or rayon is made from tree products.
- Leather shoes are made from cowhides and canvas shoes come from cotton.
- Belts are made with leather from cowhides or alligator hides (farmed alligators).
- Purses are made with leather from cowhides or alligator hides (farmed alligators) or natural plant or animal fibers.
- Wallets are made with leather from a number of animal hides.
- Hats are made from wool or leather.
- Boots are made with leather from a number of animal hides.
- Gloves are made from wool, leather or cotton.