

Interactive Fun: By-products

Objective:

To demonstrate that far more comes from livestock and crops than food products.

What You Need:

- A collection of by-products (see list below)

As a Stand Alone Display

- Place by-products inside plexiglass boxes. This should help to ensure the items do not get harmed.
- Signs or handouts indicating the link that each item has to livestock or crops should be available for visitors.

As an Interactive Children's Activity

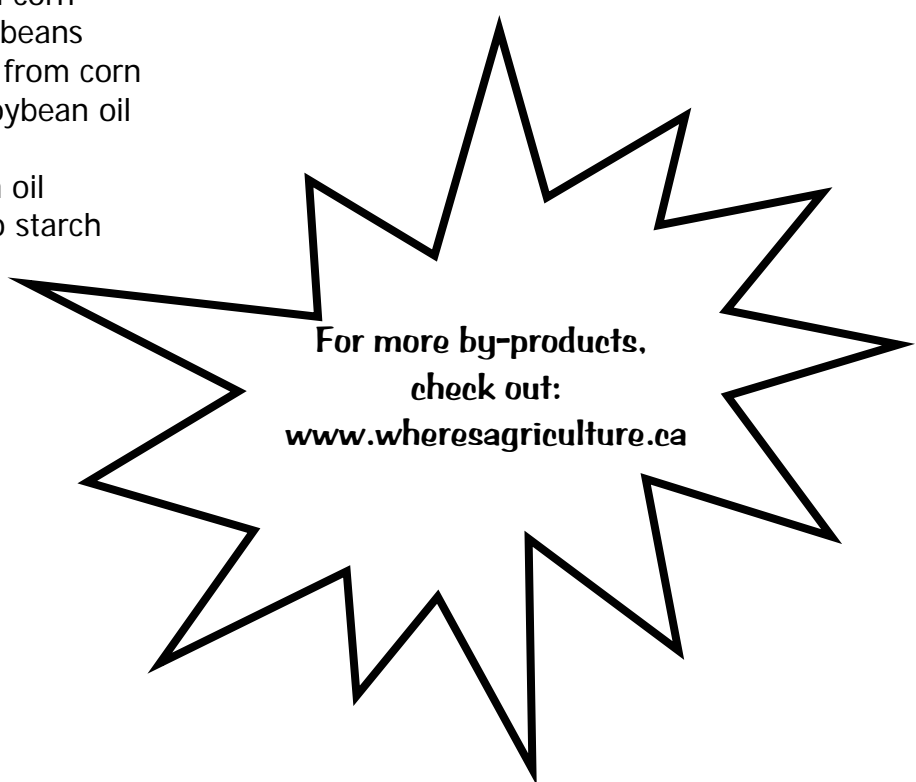
1. Place many by-products in a large bag.
2. Ask children about some of the products that we get from farm animals and crops (They will likely come up with meat, eggs, dairy products, fruits, vegetables, etc.)
3. Discuss the meaning of the word "by-product."
Definition: A secondary and sometimes unexpected consequence; a product made during the manufacture of something else
4. a) In front of the group, have children select an item from the bag, first guessing what it is, then showing it to the group; or
b) By-product charades! One by one, have students act out the by-products for the group.
5. Discuss each item and it's connection to the farm.

Examples of Interesting Byproducts:

- Curling broom: horse or pig hair
- Tennis racket: strings made from sheep intestines
- Pillow: turkey feathers or goose down
- Toothpaste: cornstarch from corn; glycerine from canola or pigs
- Fishing lures: rooster feathers
- Bicycle tires: fatty acids from cattle



- Shaving cream: cattle fat
- Camera film: gelatin from cattle or hog bones
- Insulin: from hogs
- Blood sugar test strips: enzyme in horseradish
- Briefcase, shoes, boots, purse: leather from hogs, cattle, ostrich, or bison
- Anesthetics: may contain eggs
- Airplane: de-icer from canola
- Diaper: made with cornstarch
- Insulation: corn and wheat straw
- Candles: beeswax
- Sunscreen: canola oil
- Paper: from wheat straw
- Ink: from soybean and vegetable oil
- Hydraulic fluid: from canola
- Spark plugs: from corn
- Solvent: from soybeans
- Ethanol gasoline: from corn
- Biodiesel: from soybean oil
- Fireworks: corn
- Crayons: soybean oil
- Packaging: potato starch



For more by-products,
check out:
www.wheresagriculture.ca

