



Project 5.6.3 From Farm to Fork

Purpose

Whether your food is raised on a farm or grown in a field, the agricultural products you consume daily are typically processed before they are available for the public. Food is packaged for convenience and transported to grocery stores where it is ready for purchase. How do foods you eat everyday get from the farm to you?

Materials

Per pair of students:

- Computer with internet access and word processing software
- Poster paper
- Glue stick
- Permanent markers
- Colored pencils
- Scissors

Per student:

- Pencil
- *Agriscience Notebook*
- *Project 5.6.3 Evaluation Rubric*

Procedure

Work with a partner to determine the route food takes from the farm to your table. Research the path that the main ingredients of that food take from production to the grocery store. When you have finished your research, organize the information on a poster to present to the class.

Your teacher will assign you and your partner a food from the list below.

Table 1. Food Items

Spaghetti with meatballs	Beef stew	Peaches & cream oatmeal
Peanut butter & jelly sandwich	Chili	Bacon & cheese omelet
Hamburger	Pizza	Chicken enchilada
Taco		

Make a list of the three main food items in your assigned food. Describe the source of the product and what raw commodity (plant or animal) from which it is derived.

- **Example:** Ham and cheese sandwich
 - o **Ham** – Derived from an animal source (pork from pigs)
 - o **Cheese** – Derived from an animal source (dairy products from cattle)
 - o **Bread** – Derived from a plant source (flour from cereal grain, such as wheat)

Use the internet to research all of the steps in producing, transporting, and processing each food item. Answer the following questions for each main ingredient.

- Where is it produced?
- How is it produced?
- How is it processed?

- How is this product most commonly transported from farm to processor to consumer?
- How is it distributed to consumers?

Develop a poster with your partner to display the information you have gathered. Be sure to include the following items on your poster.

- Title – name of food item
- Description of main ingredients with information on producing, processing, and transporting
- Pictures of food item and each main ingredient

Using your poster as a visual aid, present the information you collected to the class. Explain what the main ingredients of your food are and how they are processed, transported, and where they are produced the most. See *Project 5.6.3 Evaluation Rubric* for assessment information.

Conclusion

1. What are some ways agricultural products are packaged for convenient human consumption? Frozen foods

2. How have shipping methods influenced the availability of food? To keep foods fresh

3. How has food processing influenced the availability of food? It has made it easier to get food and keep it to when the consumer needs it.