

What's For Lunch?

Objectives

1. The students will trace the origins of the ingredients of a hamburger from the soil to their plate.
2. The students will realize all the different jobs required to produce the food we eat and the clothes we wear.

Grade Level

1-3

4-6

TEKS:

S- K.5A-C; 1.5A,B; 2.5A,B; 3.5A,B S- 4.5A,B; 5.5A,B
SS- K.6A-B; 1.7A-C; 2.10A-C; SS- 6.9A,B
3.8A-C

TAKS:

GRADE

OBJECTIVES

Reading: 3, 4, 5, 6

1, 3

Science: 5

2, 3, 4

Assessment Summary:

- Objective 1: Students will construct a hamburger from colored construction paper, tracing each ingredient back to its source.
- Objective 2: Students will write descriptive sentences, paragraphs or a composition using the information in objective 1.

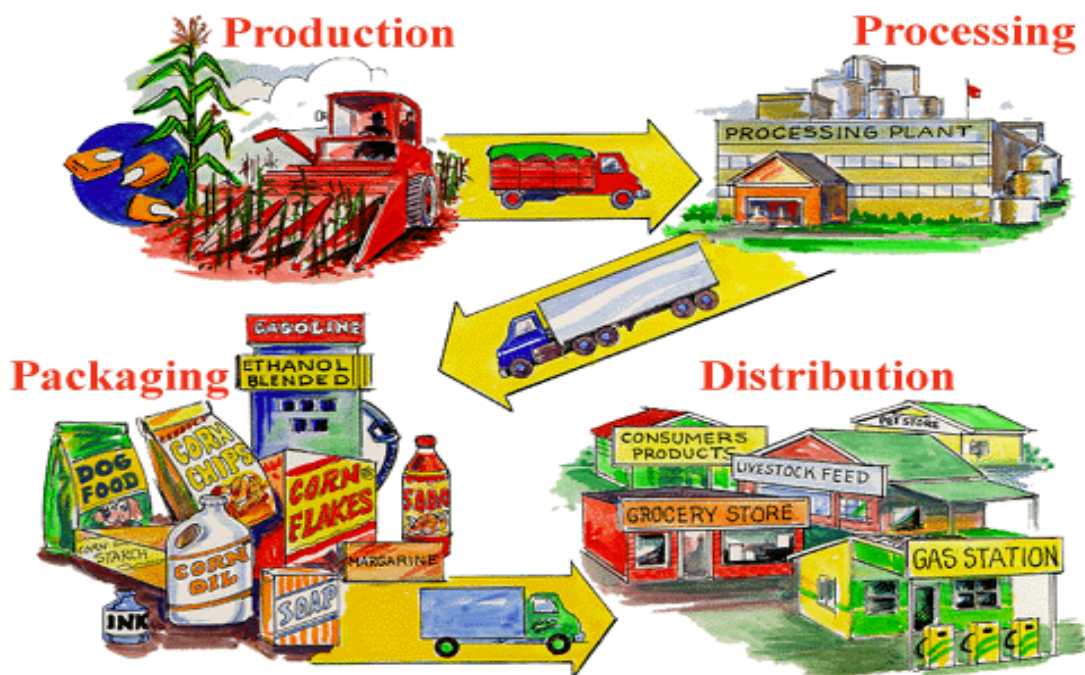
Materials: Pencils, map colors, crayons, rulers, lined paper.
Construction paper; bun (gold), meat(brown), lettuce and pickles (green), tomato (red), cheese (yellow or orange).
"From Farm to You" activity sheet
"What's To Eat?" activity sheet
"Farm/Store Products" Matching activity

Farm to Table

It takes a lot of people, doing different jobs, to get the food we eat and the clothes we wear from the farm to the table. We don't always think about where our food and fiber come from. For example, the hamburger bun we had for lunch went through many steps as it made its way to our table.

It started out as a wheat plant on a farm. After the farmer harvested the wheat it was transported to a mill where it was cleaned and ground into flour. From there it went to a baker who mixed other things with it, put it in the oven and turned it into the bun. But that's not the end of the trip. The finished buns were again transported, usually by truck, to a grocery store, where workers put the buns on the shelf for us to purchase.

Whether it is wheat, corn, vegetables or meat, it takes much work and many people, doing many different jobs, to make sure we have good food to eat. One of these days you may have a job helping get food and clothing to people all over the world.





What's For Lunch?

Procedure

1. Introduce new vocabulary:

Grades 1-3

Grades 4-6

2. Introduce lesson by asking students "Where does our food come from?". Have older students read "Farm to Table". Guide students in discussing how our food goes through several steps, beginning on the farm or ranch, before it reaches our table.

3. Activity, Grades 1-3: Have students make a hamburger using colored construction paper for the different ingredients. On the back of each ingredient have the student write the name of the raw product that ingredient is made from.

Example: Bun - Wheat, Cheese - Milk - Dairy Cow, etc.

4. Assemble hamburgers

5. Have students complete "Farm Products/Store Products" matching activity

6. Activity, Grades 4-6: Using the chart "What's For Lunch?" have students begin brainstorming all the jobs that are involved in getting each ingredient from the farm to the table. Some of these might include the farmer or rancher, farm workers, seed, fertilizer and chemical salesmen, equipment manufacturers, mechanics, truck drivers, warehouse workers, grocery store employees, and many others. See attached list of "Agricultural Occupations".

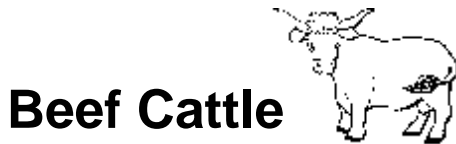
7. Assessment: Teacher observation and assessment

Extension

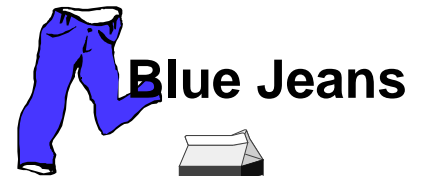
Invite someone who works in the food industry to speak to your class about the role they play in supplying us with the food we eat. This could be a grocery store manager, farmer or rancher.

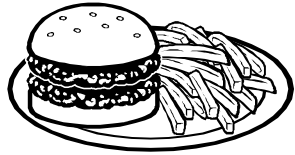
Farm & Store Product Match-Up

Farm Products

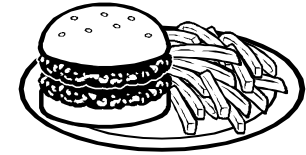











Store Products





What's For Lunch?



Bun	Hamburger meat	Lettuce	Tomato	Mustard	Fries	Ketchup	Milk	Ice Cream
								

Store



Bakery	Meat Processing Plant	Vegetable Warehouse	Processing Plant		Bottling Plant	Processing Plant
Wheat Farmer	Cattle Rancher	Vegetable Grower			Dairy Farmer	
Wheat Farm	Beef Cattle Ranch	Vegetable Farm			Dairy Farm	

Plants

Soil

What's For Lunch?

What makes up the different parts of your meal, and how does it get to you? In the Chart below is a meal we all like to eat, with each part of the meal listed in the boxes.

Under each part trace the journey it took to get to you. The first two parts are done for you.

Meal I like to eat ---- Hamburgers

My Favorite Meal is made of:							
Bun	Meat	Cheese	Lettuce	Mustard	Tomato	Pickle	Onion
Store	Store						
Bakery	Meat processing plant						
Flour mill	Feedlot						
Wheat Farmer	Cattle Rancher						
Wheat Farm	Cattle Ranch						
Wheat Plant	Steer Eating grass						
Soil	Soil						
Where did it come from?							

What's For Lunch?

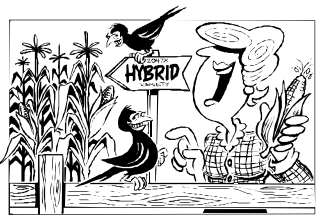
Fill in the chart below with another meal that you like to eat.

Meal I like to Eat ---- _____

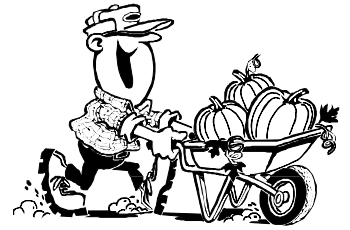
My Favorite Meal is made of:								
Where did it come from?								

What's For Lunch?

Make your own chart showing a meal you like to eat. Remember to list each part of the meal and show the steps it took to get to you.



Farming In My State



Farmers in my state grow all kinds of crops.

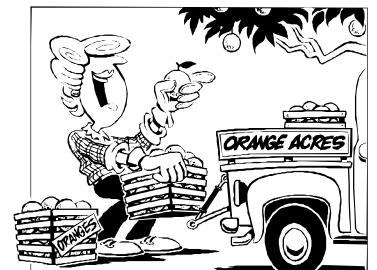
Some of the crops grown in my state are:

1. _____
2. _____
3. _____
4. _____
5. _____



From the crops and animals that the farmers grow and raise in my state, we get these foods that we eat.

- | | |
|----------|-----------|
| 1. _____ | 6. _____ |
| 2. _____ | 7. _____ |
| 3. _____ | 8. _____ |
| 4. _____ | 9. _____ |
| 5. _____ | 10. _____ |



AGRICULTURAL OCCUPATION

Over 20 percent of America's work force is employed in some phase of the agricultural industry. There are seven people working in agribusiness for every farmer. In fact, there are over 8,000 job titles in agriculture. And they all work together to provide food and fiber for the planet's growing population.

Virtually any career in which you may be interested can be applied to agriculture. Engineering? You bet! Today, farmers are leveling fields with lasers to decrease erosion and using robotic equipment to do dangerous or repetitive jobs. If progress is to continue, agriculture needs the best and brightest young minds working to solve tomorrow's agricultural engineering challenges.

An increasing population means a greater demand for food and fiber. It also means a growing demand for qualified people in the agricultural industry. Almost 10 percent of today's professional jobs in agriculture go unfilled simply because there are more jobs than people who understand agriculture. And the opportunities are increasing. Agriculture is changing rapidly and many of tomorrow's careers have not yet been imagined. It is an exciting, challenging field in which to work.

Scientists, Engineers & Related Professionals

Agriscience, with its related occupations of engineering, bio-chemistry genetics and physiology, is the fastest growing area within the agricultural industry. This is agriculture's cutting edge. If you are interested in applying scientific principles to practical situations, this may be the career area for you.

Agricultural Engineer	Landscape Architect	Rangeland Scientist
Animal Scientist	Microbiologist	Research Technician
Biochemist	Molecular Biologist	Resource Economist
Cell Biologist	Natural Resources Scientist	Soil Scientist
Entomologist	Nutritionist	Statistician
Environmental Scientist	Paravet/Animal Health Technician	Toxicologist
Food Engineer	Pathologist	Veterinarian
Food Scientist	Physiologist	Waste Management Specialist
Forest Scientist	Plant Scientist	Water Quality Specialist
Geneticist	Quality Assurance Specialist	Weed Scientist

Production

If you enjoy working with plants and animals, there are broad opportunities in production agriculture.

Aquaculturalist	Nursery Products Grower
Farmer	Farm Manager
Feedlot Manager	Rancher
Forest Resources Manager	Turf Producer
Fruit and Vegetable Grower	Viticulturist
Greenhouse Manager	Wildlife Manager

Agricultural Marketing, Merchandising & Sales

There are many demands for agricultural products today. Consumers expect to walk into supermarkets and find the shelves bursting with choices. If you are interested in sales and helping people acquire the goods and services they need, a career in agribusiness or agricultural marketing could be what you are looking for.

Account Executive	Food Broker	Marketing Manager
Advertising Manager	Forest Products Merchandiser	Purchasing Manager
Commodity Broker	Grain Merchandiser	Real Estate Broker
Consumer Information Manager	Insurance Agent	Sales Representative
Export Sales Manager	Landscape Contractor	Technical Service Representative
Florist	Market Analyst	

Education & Communications

More than ever before, the agricultural industry today needs to tell its story to the rest of the population. If you are interested in sharing the news, maybe a career in education and communications is for you.

College Teacher	High School Teacher/ FFA Advisor	Public Relations Representative
Computer Software Designer	Illustrator	Radio/Television Broadcaster
Computer Systems Analyst	Information Specialist	Training Manager
Conference Manager	Information System Analyst	
Cooperative Extension Agent	Journalist	
Editor	Personnel Development Specialist	
Educational Specialist		

Managers & Financial Specialists

In order for today's agricultural industry to operate, it must have management and financial specialists. From your local bank's agricultural loan officer to the USDA's economists, this is an area that demands both agricultural and business skills.

Accountant	Food Service Manager	Research and Development
Appraiser	Government Program Manager	Manager
Auditor	Grants Manager	Retail Manager
Business Manager	Human Resource Development	Wholesale Manager
Credit Analyst	Manager	
Customer Service Manager	Insurance Agency Manager	
Economist	Insurance Risk Manager	
Financial Analyst	Policy Analyst	

Social Service Professionals

Like most other industries, an increasing number of social professionals are needed. If you like working with people and filling an important role in your community, this may be the career area for you.

Career Counselor	Food Inspector	Peace Corps
Caseworker	Labor Relations Specialist	Representative
Community Development Specialist	Naturalist	Regional Planner
Conservation Officer	Nutrition Counselor	Regulatory Agent
Consumer Counselor	Outdoor Recreation Specialist	Rural Sociologist
Dietitian	Park Manager	Youth Program Director