

**Chapter 9 Food & Agriculture**

Food, Agriculture, & Geography

- 
- 
- 
- 

Figure 9-1

- 
- 

Total Consumption of Food

- 
- 

Global Scale: Supply & Demand

- 
- 

Global Agriculture & Undernourishment

- 
- 
- 

Figure 9-4

- 
- 

Figure 9-5

- 

Figure 9-6

- 

Food Prices

- 
- 

Figure 9-7

- 
- 
- 

Source of Nutrients

- 

Figure 9-10

- 
- 

Protein

- 

Figure 9-14

- 

Figure 9-15

- 

Where Did Agriculture Originate?

-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Invention of Agriculture

•

Hunters & Gathers

•

•

Agricultural Revolution

•

•

Environmental factors

•

Cultural factors

•

•

Agricultural Hearths

•

Southwest Asia

•

•

East Asia

•

Central and South Asia

•

Sub-Saharan Africa

•

Latin America

•

•

Columbian Exchange

•

•

Figure 9-19

•Latin America-

•Southwest Asia-

•Sub-Saharan Africa-

•Central Asia-

•South Asia-

•East Asia-

•Southeast Asia-

Subsistence & Commercial Agriculture

•

•

•

Farmers: Fewer Grow More

•

•

•

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Figure 9-20

- 
- 

Figure 9-21

- 

Technology: Agriculture's Game Changers

- 
- 
- 

Farm Size: Is Bigger Better?

- 
- 
- 
- 

Figure 9-22

- 
- 

Agriculture Regions in Developing Countries

- 

Intensive subsistence, wet rice dominant

- 

Intensive subsistence, wet rice not dominant

- 

Pastoral nomadism

- 

Shifting cultivation

- 

Plantation

- 

Agriculture Regions in Developed Countries

- 

Mixed crop and livestock

- 

Dairy

- 

Grain

- 

Livestock Ranching

- 

Mediterranean

- 

Commercial gardening

- 

Figure 9-21 (Little or no agriculture)

- 

Subsistence Agriculture in Population Concentrations

-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Intensive Subsistence Farming

- 
- 
- 
- 

Wet-Rice Not Dominant

- 
- 
- 

Figure 9-26

- 
- 

Wet-Rice Dominant

- 
- 
- 
- 

Figures 9-27 - 9-30

- 
- 

Shifting Cultivation

- 
- 

Features of Shifting Cultivation

- 
- 
- 
- 
- 

Crops of Shifting Cultivation

- 
- 
- 

Ownership & Use of Land in Shifting Cultivation

- 
- 

Future of Shifting Cultivation

- 
- 
- 
- 

Pastoral Nomadism

- 
- 
- 
- 
-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Plantation Farming

- 
- 
- 

Agricultural Regions & Climate

- 
- 
- 

Figure 9-36

- Tropical-
- Dry-
- Warm-
- Cold-

Fishing

- 
- 

Figure 9-37

- 

Figure 9-38

- 

Fish Consumption & Production

- 
- 

Overfishing

- 

Commercial Agriculture: Crop-based

- 
- 
- 

Grain Farming

- 
- 
- 
- 
- 
- 

Figure 9-42

- 

Mediterranean Agriculture

- 
- 
- 

Commercial Gardening

- 
- 
- 

Commercial Agriculture: Animal-based

-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Livestock Ranching

- 
- 
- 

Figure 9-45

- 
- 

Dairy

- 
- 
- 
- 
- 

Figure 9-47

- 

Commercial Agriculture: Mixed Crop & Livestock

- 

Feature of Mixed Crop & Livestock

- 
- 
- 
- 

Figure 9-49

- 

Importance of Access to Market

- 
- 
- 
- 

•First Ring

•Second Ring

•Third Ring

•Fourth Ring

- 
- 
- 

Table 9-1

- 
- 
- 
- 
- 

Figure 9-51

- 
- 
- 
-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Why Do Farmers Face Sustainability Challenges?

- 
- 
- 
- 
- 

Figure 9-53

- 
- 
- 

Trade Challenges for Developing Countries

- 
- 
- 

Figure 9-54

- 
- 

Losing Agricultural Land

- 
- 

Loss of Land to Urbanization

- 
- 
- 
- 

Figure 9-55

- 

Desertification

- 
- 
- 

Figure 9-58

- 
- 
- 

Improved Agricultural Productivity

- 
- 

Increased Productivity: Commercial Farmers

- 
- 

Intensification by Subsistence Farmers

- 
- 
- 
- 
-

**Unit 5 - Agriculture**

Name: \_\_\_\_\_ Period: \_\_\_\_\_

The Green Revolution

- 
- 
- 
- 
- 
- 

Applying Biotechnology to Agriculture

- 
- 

Genetically Modified Organisms

- 
- 
- 
- 

Figure 9-61

- 

Figure 9-63

- 

GMO Labeling

- 
- 

Sustainable Farming

- 
- 

Organic Farming

- 
- 
- 
- 

Figure 9-66

- 

Sustainable Land Management

- 
- 

Debate It! - Consume Globally

- 
- 

Debate It! - Consume Locally

- 
- 

Conserving Agricultural Resources

- 

California Agriculture & Water

- 

Government Policies

-