

What Is Agriculture, And Where Did Agriculture Begin? 368

Define agriculture .	
Why do we classify economic activities into sectors?	
Contrast the percent of the population is employed in agriculture in Guatemala compared to Canada.	
What does the high proportion of labor involved in agriculture in Guatemala tell us?	
Why are the total production of agriculture so high in the USA and the total percentage of labor so low?	
What new technologies make agriculture more productive in advanced countries?	

Hunting, Gathering And Fishing 369

What was the most common means of subsistence before farming?	
Explain the diversity of regional specialization in North America among the Native Americans.	
What determined the size of hunting and gathering clans?	

Terrain And Tools 369

What did hunter-gatherers need before they could become agriculturalists?	
Describe the first tools.	
What was the next step in development of tools?	
Why was the control of fire so important to hunter-gatherers?	
What was the most important result of using tools and fires to alter their environment?	
How did hunter-gathers take advantage of the cyclical movement of animals in herds?	

The First Agricultural Revolution 369-371

Why did geographer, Carl Sauer believe that only in lands of plenty would agriculture occur?	
Where did plant domestication take place?	
What combination of elements brought forth the earliest planned cultivation?	
What are root crops ?	

What are seed crops ?	
Where did the first Agricultural Revolution [cultivating of seed crops] occur in the world?	
Why did plants change themselves?	
What did agriculture provide for the people? (2 items)	
What were the first grain crops?	
Where did corn diffuse from originally?	
Where did the white potato originally come from?	
What accelerated the diffusion of crops?	
Domestication of Animals 371-373	
How did the process of animal domestication come about?	
What were the main domesticated animals at first?	
What were the advantages of humans having domesticated animals?	
Why did people choose the docile animals for domestication?	
What kind of animals did people in Southwest Asia domesticate?	
What kind of animals did people in Southeast Asia domesticate?	
What kind of animals did people in South Asia domesticate?	
What kind of animals did people in Central Asia domesticate?	
What kind of animals did people in Mesoamerica domesticate?	
The process of animal domestication started when?	
Subsistence Agriculture 373-375	
Define subsistence agriculture .	
When did subsistence agriculture begin to decline and why?	
Why has there been a return to subsistence farming in many parts of the world today?	
Why have Zapatista farmers cut themselves off from commercial farming?	
What is shifting agriculture ?	
Where is shifting agriculture found primarily in the world today?	
Explain slash-and-burn agriculture .	

How Did Agriculture Change With Industrialization? 375-381

Where did the Second Agricultural Revolution take place? And when?	
How did trade play a role in the new agricultural revolution?	
Explain Great Britain's Enclosure Act.	
What new technologies helped improve production?	
What did Cyrus McCormick do?	
How did the reaper improve production ten times over?	
How did animal breeding improve yield?	
What was the role of the railroad in the improvement of agricultural production and distribution?	
What did the invention of the internal combustible engine do to improve agriculture?	

Under The Spatial Layout Of Agriculture 376-377

What is the Von Thünen model ?	
What does the model explain about land use in agriculture?	
What did Geographer Lee Liu discover about farmers and the land closest to the village?	

The Third Agricultural Revolution 377-378

Why is the 3 rd Agricultural Revolution also called the " Green Revolution "?	
When and where did researchers begin to genetically experiment with Maize?	
Why did the focus of the Green Revolution shift to India in the 1960s?	
Describe the genetic changes in the IR8 plant.	
Explain the genesis of the IR36 plant. When did this occur?	
Why was the impact of the Green Revolution limited in Africa?	
Where would high yield cassava and sorghum be grown?	
Why are environmentalist concerned about the problem with pollen dispersal?	
Why are environmentalist concerned with the higher inputs of chemical	

fertilizers, herbicides, and pesticides?	
Explain the position of the magazine <i>Scientific American</i> regarding the plight of the subsistence farmer.	
Why are smaller farmers at such a disadvantage when it comes to implementing Green Technology?	
New Genetically Modified Foods 378	
Define GMOs .	
How much of the processed food market in the U.S. has GMOs?	
In the U.S., how many acres of land are planted with GE corn? GE Soybeans?	
Why would the poorer countries in the world ban GMOs?	
What is the argument for ideological resistance to GMOs?	
Where in the affluent world is ideological resistance to GE the strongest?	
Regional and Local Change 378-379	
What are the three elements that have changed since the recent shift from subsistence agriculture to commercial agriculture?	
How has the raising of cash crops in Latin America affected the people?	
Why is subsistence farming in Sub-Saharan Africa and South Asia still the most prevalent type of farming?	
What kind of changes does Judith Carney describe from her study of agricultural practices in Gambia, West Africa?	
Why are women's lives impacted so heavily by the shift from subsistence farming to commercial farming in Africa and South Asia?	
The Impacts of Agricultural Modernization on Earlier Practices 379-380	
How has the global world affected the lives of hunter-gatherer groups? What kinds of pressure do they experience today?	
Why has subsistence farming been in retreat since the 1500s?	
What methods did the colonial powers use to encourage commercial farming in the colonies?	
What seems to be happening to small farmers as agriculture becomes more mechanized?	
Why is shifting cultivation and slash-n-burn agriculture environmentally friendly under some circumstances?	
What Imprint does Agriculture Make on the Cultural Landscape? 381-386	

Define the cadastral system of mapping? (<i>Glossary A-19</i>)	
What is the predominant system of survey for the U.S.? Also known as? <i>Define.</i>	
What was the Homestead Act?	
What does the metes and bounds survey system demarcate land?	
Where is <i>metes and bounds survey system</i> most prevalent?	
How did the long-lot survey system divide land?	
Where is <i>long-lot survey system</i> most prevalent?	
What is primogeniture ?	
Where is primogeniture most prevalent?	
Villages 383-385	
How much of the labor force in America still works in farming?	
What was the traditional make up of a "village"?	
What principle does the village form reflect?	
What is the rural settlement pattern in the U.S.?	
What is a nucleated settlement pattern?	
Describe the characteristics of a linear village pattern.	
Describe the characteristics of a cluster village pattern.	
Describe the characteristics of a round village pattern.	
Describe the characteristics of a walled village pattern.	
Describe the characteristics of a grid village pattern.	
Functional Differentiation with in Villages 385-387	
How does social stratification reflect the material wellbeing of African society?	
How does the caste system reflect the material wellbeing of Indian society?	
Describe the functional differentiation of farm buildings on American farms.	
How Agriculture is currently organized Geographically, and How has Agribusiness Influenced the Contemporary Geography of Agriculture?	
Define commercial agriculture .	
How id transportation and food storage impact agricultural production?	
Define monoculture .	
Explain the Köppen climate classification system ?	

Define climatic regions .	
Explain the characteristics of an "A" climate.	
Explain the characteristics of an "B" climate	
Explain the characteristics of an "C" climate	
Explain the characteristics of an "D" climate.	
Explain the characteristics of an "E" climate.	
Explain the characteristics of an "H" climate.	
The World Map of Agriculture 389-394	
<i>Cash Crops and Plantation Agriculture 390-392</i>	
How did colonialism profoundly shape the non-subsistence farming in many poorer countries?	
Define plantation agriculture .	
Where is plantation agriculture primarily practiced?	
Who owns the most productive plantations?	
What steps did the multinational corporation, United Food Company, take to halt land reform in Guatemala?	
<i>Commercial Livestock, Fruit, and Grain Agriculture 392</i>	
What region on the map (11.18) does most dairying farming take place?	
What region on the map (11.18) does most of the commercial agriculture take place?	
Where is mixed livestock and crop farming the most widespread in the world?	
Define livestock ranching .	
What is the pattern on the map (11.18) for livestock ranching? (locations)	
<i>Subsistence Agriculture 392</i>	
What are the three types of subsistence agriculture on the map (11.18)?	
Why doesn't the map (11.18) tell the whole story about regions that are labeled as subsistence farming?	
<i>Mediterranean Agriculture 392</i>	
Describe the label " Mediterranean agriculture "? Is Mediterranean agriculture strictly confined to the Mediterranean region?	

What kinds of crops are grown in Mediterranean agricultural regions	
<i>Drug Agriculture 392-394</i>	
Why would farmers in the periphery find it more profitable to cultivate poppy, coca, or marijuana plants, rather than grown standard cash crops?	
Where is coca mostly grown?	
Where are most of the opium poppy plants cultivated?	
What percentage of opium poppy is grown in Afghanistan?	
Why did the most of the production and trafficking of coca move from Columbia to Mexico in the 1980s and 1990s?	
Why is the DEA concerned about "high potency" marijuana coming out of Mexico?	
Where do most western Americans get their opium for heroin?	
Where do most eastern American get their heroin?	
In the U.S., what states are top producers of marijuana?	
Describe the findings of Evan Mill's study on the energy impact of growing marijuana in the U.S. (indoor vs. outdoors)	
<i>Informal Agriculture 394</i>	
What is informal agriculture?	
Why is urban agriculture likely to grow in importance in the coming years?	
Political Influences on Agriculture 394-395	
Define cash crop .	
What is considered one of the most significant contemporary cash crops?	
What impact did the Industrial Revolution have on the colonial production of cotton?	
What is the competition to cotton today?	
Describe the legacy of landholding that arose as a result of colonialism.	
What countries had uprisings because of land control?	
How does the U.S. government control large-scale farmers?	
How did the governments of the former Soviet Union, eastern Europe and Maoist China influence land use and reform?	
Socio-cultural Influences on Agriculture 395-396	
What is a luxury crop ?	

Where is this product primarily grown today?	
What country buys more than half of the coffee sold on the market today?	
Who is Juan Valdez?	
How does a coffee producer become eligible for membership in the International Fair Trade Coffee register?	
What major coffee companies in the U.S. are committed to using coffee from fair traders?	
What country began the full-scale flow of tea into European markets?	
Why did local riots break out in the cities of West Africa over rice?	
Agribusiness and the Changing Geography of Agriculture 396-397	
Define agribusiness .	
What does agribusiness do?	
Where are broiler houses concentrated in the U.S.?	
Where is hog production concentrated in the U.S.?	
How have urban supermarkets changed as a result of agribusiness?	
What group of people decides what will be grown and at what price it will be sold?	
Environmental Impacts of Commercial Agriculture 397-399	
Why is there overfishing and a general decline in fish stocks in the world today?	
How does the landscape of Europe reflect years of agriculture and trade?	
What are the two reasons that organic farmers believe they are being "priced out of the market" by large-scale farming?	
How has the population of hamburgers led to widespread deforestation in Central and South America?	
The Challenge of Feeding Everyone 399-401	
Where has food production per capita declined in the world today?	
How many people are malnourished in the world today?	
Even though there is enough food being produced why are there so many malnourished?	
How are expanding cities affecting farm production?	
Where are the 12 places in the U.S. that are losing farmland the fastest?	

Explain the problem with land use for the "get away from it all" movement?	
What two factors have caused a global rise in the price of food?	
How did the rise in food prices help to effect the revolutions in North Africa and Southwest Asia in the spring of 2011?	
What are food deserts ?	
Where are urban food deserts typically found in the U.S.? Why?	
What types of food are people in urban food deserts most likely to buy?	