**Unit 4 Agricultural and Rural Land Use**

**Vocabulary**

Agriculture

Commercial agriculture Subsistence agriculture

Milkshed

Staple grains

Livestock

Feedlot

Mediterranean agriculture

Market gardening

Horticulture

Truck farming

Plantation agriculture

Luxury crops

Vegetative planting

Seed planting

Biotechnology

Shifting cultivation (swidden)

Intertilage

Pastoral nomadism

Desertification (Sahel)

Double cropping

Fertile Crescent

Domestication

Range

Township

Green Revolution

Commodity chains

Agribusiness

Sustainable agriculture

Ridge tillage

Aquaculture

Organic agriculture

Hobby farmers (suitcase farmers)

Irrigation

Conservation

Genetically Modified Organisms (GMOs)

Deforestation

Monoculture

Mixed-crop agriculture

Bio-revolution

Arable

Columbian Exchange

Mediterranean agriculture

**Key Concepts to Know**

1. Hunting and gathering

2. Agricultural revolutions

3. Agricultural hearths

4. Agricultural diffusion

5. Carl Sauer’s World Areas of Agricultural Innovation

6. Evolution of crop rotation systems

7. Koppen climatic classification system

8. Extensive vs Intensive farming

10. Impacts of markets on production areas

11. Role of transportation on agriculture

12. Linkages between production and consumers

13. Application of Von Thunen’s model

14. Rural land use patterns

16. Benefits and drawbacks of the Green Revolution

17. Biotechnological revolution

18. Globalization of agriculture

19. Farm crisis

20. Boserup’s thesis

21. Local food production

22. World Regions of subsistence agriculture

23. Types of subsistence agriculture

24. Types of Commercial agriculture and locations

25. Globalization of agriculture

26. Benefits and drawbacks of bio-technology

27. Environmental Impacts of agriculture

28. Cadastral systems

29. Arable land, caloric intake, and food production

30. Challenges for subsistence and commercial farming

30. Strategies for increasing food supplies