Arkansas CTE

Introduction to World Agriculture Science: Grades 7, 8

Adopted 2003

Agriculture in Our Lives

1.1 Define terms

1.2 Identify ways in which agriculture affects us every day

1. List 100 agricultural products 1.2.1

1.3 Explain the importance of agriculture to the economy of the United States

1. Use a math problem to describe the importance of agriculture to the economy 1.3.1

1.4 Discuss ways agriculture has changed during the past 100 years

1.5 Identify careers in agriscience, production agriculture, agribusiness, agricultural mechanics, horticulture, forestry, and animal science

1. Invite speakers from each area to talk to the class about their profession 1.5.1

The National FFA Organization

2.1 Define terms

2.2 List the official FFA colors

2.3 Recite the FFA motto

2.4 Illustrate major events in the history of the FFA

1. Construct a timeline illustrating major events in the history of FFA using the Official FFA Manual Chronological History 2.4.1

2.5 Explain the purpose of SAEs

Animals in Agriculture

3.1 Define terms

3.2 List products obtained from animals

Match cuts of meat to the animals from which they are derived

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Plants in Agriculture

4.1 Define terms

4.2 Discuss ways plants affect our lives

1. Take students on a tour of the campus to identify different types of plants `4.2.1`

4.3 Label the four major parts of a plant, and discuss their functions

4.4 Identify requirements for plant growth

Natural Resources

5.1 Define terms

5.2 Explain why conservation of natural resources is important

1. Discuss strategies for conserving natural resources `5.2.1`

5.3 Identify the major components of soil

1. Determine the texture of soil samples `5.3.1`

5.4 Identify major species of wildlife in Arkansas

1. Use the Arkansas Game and Fish Regulations Guide as a reference `5.4.1`