

# Introduction to World Agriculture Science: Grades 7, 8

Adopted 2003

## Agriculture in Our Lives

### 1.1 Define terms

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### 1.2 Identify ways in which agriculture affects us every day

1. List 100 agricultural products [1.2.1](#)
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### 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](#)
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### 1.4 Discuss ways agriculture has changed during the past 100 years

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### 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](#)
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## The National FFA Organization

### 2.1 Define terms

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### 2.2 List the official FFA colors

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### 2.3 Recite the FFA motto

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### 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](#)
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### 2.5 Explain the purpose of SAEs

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## Animals in Agriculture

### 3.1 Define terms

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### 3.2 List products obtained from animals

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

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## Plants in Agriculture

### 4.1 Define terms

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### 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](#)
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### 4.3 Label the four major parts of a plant, and discuss their functions

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### 4.4 Identify requirements for plant growth

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## Natural Resources

### 5.1 Define terms

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### 5.2 Explain why conservation of natural resources is important

1. Discuss strategies for conserving natural resources [5.2.1](#)
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### 5.3 Identify the major components of soil

1. Determine the texture of soil samples [5.3.1](#)
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### 5.4 Identify major species of wildlife in Arkansas

1. Use the Arkansas Game and Fish Regulations Guide as a reference [5.4.1](#)