

## Growing Careers in the World of Agriculture

Introduce your students to the essential world of agriculture, providing a strong foundation for those exploring careers in this dynamic field. With comprehensive coverage and engaging content, this first edition—available in both print and digital formats—features:

**Rich, Up-to-Date Content:** Students explore current agricultural systems, plant and animal science, innovative technologies, environmental stewardship, agribusiness, and career pathways.

**The Broader Impact of Agriculture:** Emphasizing global food needs, resource conservation, and economic development, the program connects students to the vital role agriculture plays in the world.

**Active, Career-Connected Learning:** Real-world examples, career spotlights, and hands-on activities inspire students to develop critical skills for the agricultural workforce, including communication, leadership, and problem-solving.

## Key Features

- **Explore Modern Agriculture:** This brand-new program introduces students to the latest advancements in animal and plant science, agricultural careers, sustainability, processes, and technologies.
- **Aligned to AFNR and FFA Goals:** Content supports the National AFNR standards and helps prepare students for a successful Supervised Agricultural Experience (SAE) and National FFA Organization agriculture and leadership activities.
- **Purposeful Chapter Openers:** Each chapter begins with an Essential Question, Objectives, and a Reading Guide to spark curiosity and set clear learning expectations.
- **Built on Learning Science:** Knowledge retention and skill application is the focus through vibrant visuals, reading checks, reviews, and meaningful assessments.
- **Career-Connected Learning:** Students are exposed to a wide range of agricultural career options along with the academic and hands-on skills required for success.



# Careers and Basics of Agriculture

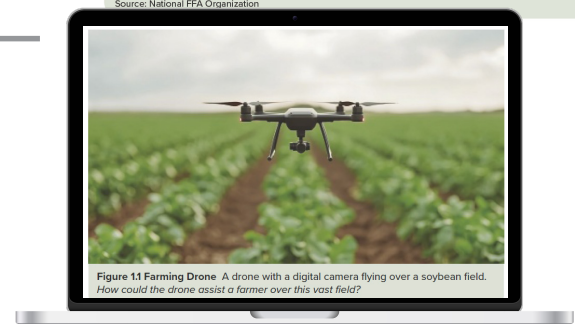
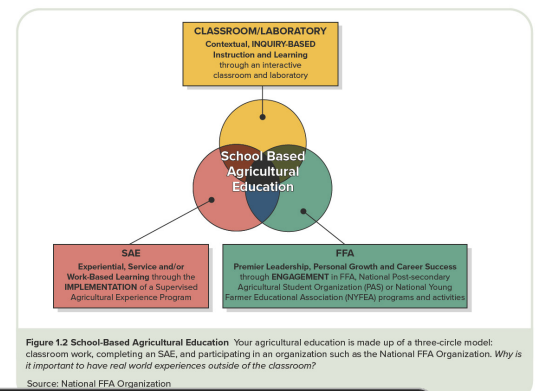
Print | Digital | Mobile

<b>Chapter 1</b>	Introduction to Agriculture, Food and Natural Resources
<b>Chapter 2</b>	Supervised Agricultural Experience (SAE) Program
<b>Chapter 3</b>	Agricultural Leadership and Communication
<b>Chapter 4</b>	Global Agriculture
<b>Chapter 5</b>	Plant Systems
<b>Chapter 6</b>	Introduction to Animal Science
<b>Chapter 7</b>	Animal Production
<b>Chapter 8</b>	Ethical Considerations and Managing Animal Welfare
<b>Chapter 9</b>	Food Science and Technology
<b>Chapter 10</b>	Power, Structural, and Technical Systems
<b>Chapter 11</b>	Information Technology in Agriculture, Food, and Natural Resources
<b>Chapter 12</b>	Environmental and Natural Resources
<b>Chapter 13</b>	Exploring Careers in Agriculture
<b>Chapter 14</b>	Interpersonal and Business Skills for Agricultural Professionals

## Dynamic Online Resources

- SmartBook® delivers personalized, adaptive learning tailored to student progress
- Flash cards help students study essential vocabulary
- Rich assessment supports learning objectives
- Extensive soft skills activities and an exploratory Career Center make students future-ready
- An interactive eBook with powerful study tools along with a mobile app helps with studying on the go

**Available in print and 1- to 8-year digital and bundle subscriptions**



**Figure 1.1 Farming Drone** A drone with a digital camera flying over a soybean field. How could the drone assist a farmer over this vast field?

