



IM8

Bid ID#: 1429

Course# - Course Title: 8021300 - Fundamentals of Agriculture, Food and Natural Resource Systems

AUTHORS & CREDENTIALS: LIST FULL NAME OF AUTHOR(S), WITH MAJOR OR SENIOR AUTHOR LISTED FIRST. BRIEFLY PROVIDE CREDENTIALS FOR EACH AUTHOR.

Emergent Learning specializes in developing effective curriculum solutions for secondary career and technology students and teachers. Through a systematic approach involving the input of many CTE educators, Emergent Learning has produced over one hundred CTE programs in Agriculture, Health Care, STEM, and other CTE subject areas.

STUDENTS: DESCRIBE THE TYPE(S) OF STUDENTS FOR WHICH THIS SUBMISSION

The program is designed for middle grades students interested in learning about careers in the agriculture industry.

1. LIST THE FLORIDA DISTRICTS IN WHICH THIS PROGRAM HAS BEEN PILOTED IN THE LAST EIGHTEEN MONTHS.

This program has not been piloted in Florida over the last 18 months.

2. HOW ARE YOUR DIGITAL MATERIALS SEARCHABLE BY FLORIDA'S ACADEMIC STANDARDS (SECTION 1006.33(1)(e), FLORIDA STATUTES)?

A correlation to Florida standards with links to content citations is provided in the Instructor Resources section of MyLab.

3. IDENTIFY AND DESCRIBE THE COMPONENTS OF THE MAJOR TOOL.

Educational Approach:

Discovering AgriScience provides middle school students with a guide to the fascinating agriculture industry and how agriculture impacts our everyday lives. The program is designed to develop students in agriculture while preparing them to move on to the next stage in their agriculture education. STEM and career readiness concepts are emphasized throughout.

- Introductory-level coverage of plant and animal science, natural resources, and the traits of successful agriculture professionals.
- Each chapter highlights a different career in agriscience including education requirements and future.
- FFA activities provide a deeper engagement into FFA principles and objectives.
- Stop and Jot activities develop practical writing and communication skills.
- A Student Activity Guide extends learning through hands-on applications and activities.

- Digital delivery through the exclusive MyLab platform including customizable assignments and assessments, engaging videos, and a robust Gradebook for tracking progress and reporting.

Teacher resources include a printed Teacher's Wraparound Edition as well as a downloadable Test Bank with TestGen, Classroom presentations in two formats, and a Spanish/English Glossary and Lesson Objectives

MyLab Discovering AgriScience, 1st Edition © 2025 is a digital learning platform that provides tutorials, digital media, homework activities, and assessment solution designed enable teachers to customize instruction to an entire class or individual students. The MyLab offers an embedded etext as well as course management functions including gradebook, assignment manager, data and analytics, all supporting an engaging online learning experience and individualized instruction.

Major Tool - Student Components

The Major Tool, student components, consists of the Student Edition (printed textbook) and the MyLab digital companion.

- The Student Edition (488 pages, 19 Chapters, four-color, hardcover NASTA bound)
- MyLab Digital Course including additional instruction, activities, digital media, and assessments.

Major Tool - Teacher Components

n/a

4. IDENTIFY AND DESCRIBE THE ANCILLARY MATERIALS.

Ancillary Materials - Student Components

The consumable Student Activity Guide provides additional learning activities and extensions including assessments, writing assignments and group projects.

Ancillary Materials - Teacher Components

The Teacher's Wraparound Edition (print, hard cover) contains the full student edition with teaching resources included in the margins. These resources include Lesson plans for more advanced, less advanced, special needs and English Language Learner students, guides to using other program resources, discussion points, teaching tips and reinforcement activities.

Downloadable Resources

- Classroom presentations provide an overview of the key objectives of each lesson, available in PowerPoint and Rise formats.
- A Test Bank with TestGen assessment software TestGen enables teachers to select and generate customized tests from a bank of supplied questions and/or add their own test questions.
- Glossary and Lesson Objectives in Spanish is available for download in PDF format.

5. IDENTIFY WHICH INDUSTRY STANDARD PROTOCOLS ARE UTILIZED FOR INTEROPERABILITY?

The MyLab learning platform is IMS Global / 1 Ed Tech, 1.3 compatible.

A list of learning management platforms that can be integrated with MyLab and other information on integration services can be found at <https://www.pearson.com/en-us/higher-education/educators/digital-learning-platforms/lms-integration-services.html>.

6. HOW MUCH INSTRUCTIONAL TIME IS NEEDED FOR THE SUCCESSFUL IMPLEMENTATION OF THIS PROGRAM?

Using the Student Edition, Student Activity Guide, and additional activities in the MyLab, there are over one hundred hours of instruction available to the teacher. However, the program is designed for flexible implementation and the teacher can customize the instruction to fit a variety of course lengths.

7. WHAT PROFESSIONAL DEVELOPMENT IS AVAILABLE?

There is no formal Professional Development program available for this program. However, the editorial staff is available to help with content questions implementation issues. Technical support is available at this website <https://support.pearson.com/getsupport/s/contactsupport>.

8. WHAT HARDWARE/EQUIPMENT IS REQUIRED?

The MyLab platform can be accessed by any device connected to the Internet. A list of compatible browsers and their system requirements is available here: <https://support.pearson.com/getsupport/s/article/Using-an-Alternate-Supported-Browser>.

9. WHAT LICENSING POLICIES AND/OR AGREEMENTS APPLY?

Terms of Use and End User License Agreement are available at the following link: <http://tpi.pearsoncmg.com/tpi/w3c/license.jsp>.

10. WHAT STATES HAVE ADOPTED THE SUBMISSION?

The program is in its first edition and was published in September 2024 and has not been adopted by any states at this time.

11. WHAT OPEN EDUCATIONAL RESOURCES RELATED TO THIS BID DO YOU MAKE AVAILABLE(S)?

There are no Open Educational Resources associated with this program.

12. ALTHOUGH NOT CALLED FOR IN THE STATE ADOPTION, DO YOU HAVE ADVANCED PLACEMENT (AP) OR ACCELERATED PROGRAM INSTRUCTIONAL MATERIALS AVAILABLE FOR THE COURSE(S) BID FOR ADOPTION?

There are no AP materials associated with this or other CTE courses bid into this adoption.

13. WHAT, IF ANY, FOREIGN LANGUAGE TRANSLATIONS DO YOU HAVE AVAILABLE?

Spanish translations of the Glossary and Lesson Objectives are available online at no cost to adopters.

14. DO YOU PROVIDE ACCESS POINT SCAFFOLDING OR AN ACCESS POINT CORRELATION UPON REQUEST?

Not applicable - Access Points are not developed for this course.

15. ESSA LEVELS OF EVIDENCE

While no formal efficacy studies have been conducted on the program, it was designed and written with the input of numerous agriculture educators.