

Grade 10-12

Distance Learning Module X: Week of: Week of: April 13th - April 17th

Content Area: Course Title - Modified from Unit # 1- Sustainable Agriculture

Targeted Goals from Stage 1: Desired Results

Students will be able to begin to formulate answers to the question "How does sustainable agriculture?" and justifying their answers using data and evidence from the resources provided.

Content Knowledge:

1. Sustainable agriculture is an approach which is profitable, environmentally sound, and beneficial to family and community interaction.
2. Sustainable farming is a set of production practices that rely on minimal use of off-farm inputs and aim to restore, maintain, or enhance the ecological systems that can benefit agriculture. This can include organic farming.
3. The 3 legs of sustainability considers the economic, environmental, and social impacts of agriculture.

Vocabulary:

sustainability, agriculture, resources, goal, practice, organic, industrial, economic impacts, environmental impacts, social impacts, 1990 Farm Bill, deforestation, erosion, food systems, consumers, farmers

Skills:

1. Analyzing sustainable farming methods to determine ways to reverse damage to the environment by an ever growing human population.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:	Distance Learning Activity : Looking at change	completed activity

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Students will learn how agriculture has changed over the past 75 years. Students will continue to monitor seedlings.	in agriculture, food systems, and the environment	
Tuesday: Students will participate in a discussion board on the distance learning activity. Students will continue to monitor seedlings.	Discussion Board: Looking at change in agriculture, food systems, and the environment	participation in live discussion board
Wednesday: Students will review content on sustainability and take notes on important vocabulary. Students will continue to monitor seedlings.	Introduction to Sustainable Agriculture notes Introduction to Sustainable Agriculture vocabulary notes	completed vocabulary sheet
Thursday: Google meeting on sustainability and slides review. Students will continue to monitor seedlings.	google meeting	participation in google meeting
Friday: Students will take an edulastic quiz on sustainability. Students will continue to monitor seedlings.	edulastic quiz on sustainability	participate in edulastic quiz

Week criteria for success (attach student checklists or rubrics): Students will be able to score well on the quiz at the end of the week

Supportive resources and tutorials for the week (plans for re-teaching):

Organic Sustainable Farming is the Future of Agriculture | The Future of Food

Why Sustainable Farming Matters: Dean Carlson at TEDxPhoenixville