

Lesson Name: Organic Crop Drawings	Grade Level: 6 th -9 th
Paired Video: Coffee Crop Chat: Sunbow Produce (10 Minutes)	Approximate Length: 30 Minutes
Stage 1 – Desired Results	
Description: In the video featuring Nate Johnson and Yadira Ruiz, managers of Sunbow Produce, students will learn about growing techniques and the operations of a certified organic farm along with the multiple ways they can get careers started in this AG sector!	
Established Goals: 1. Students will be able to describe the requirements/laws followed by organic farms. 2. Students will be able to illustrate organic crops grown in their area. 3. Students will be able to research and determine the irrigation needs of organic crops.	
Stage 2 – Assessment Evidence	
Performance Tasks: Students will first follow along through the video by using the provided guided notes. Once finished, students will then work through the research worksheet where they are asked to describe the requirements of organic farms, illustrate crops, and determine the irrigation needs of organic crops.	Assessment: Teachers will be able to analyze the answers given by students on the worksheet to see their understanding of organic farming along with irrigation needs of crops. Teachers will review the requirements followed by organic farms, the variety of crops chosen by students, and the irrigation needs in a class-wide discussion.
Stage 3 – Learning Plan	
Learning Activities/ Directions: Sunbow Produce Coffee Crop Chats: (10 Minutes) <i>turn in for complete/incomplete grade</i> - Hand out guided notes to each student • Explain to students they will be filling in the blanks/answering questions as the watch the video • Note: Pause as needed to help students catch up if needed Organic Farming Research: (15 Minutes) - Once the video has ended, provide students with 15 minutes to work on the organic farming worksheet. Explain they will be researching the facts, crops, and irrigation needs on their electronic devices. - Suggestion: Put a 15 minute timer on the board, so students can see how much time they have to work.	

Reflection: (5 Minutes)

- Ask students to share out the answers they found in the organic farming worksheet along with their chosen crops. Encourage students to share their drawings with one another at their table groups if time allows.

Materials Needed

- Projector to show video in class
- Guided notes and organic farms research page
- Pencil/writing utensils
- Chromebooks/iPad/dictionaries/student device to research organic farms
- Colored pencils/markers/crayons for drawings

Lesson created in partnership with Oregon Agriculture in the Classroom Foundation and Oregon State University, Department of Agricultural Education and Agricultural Sciences.

Funding was made possible by the U.S. Department of Agriculture's (USDA) Agricultural Marketing Service through grant ODA21028GR. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the USDA.

Guided Notes for Coffee Crop Chats
Video: Sunbow Produce

1. At Sunbow Produce, they grow over _____ different crops, depending on the season.
2. Circle the correct answer: What year was Sunbow Produce started?
 - a. 2013
 - b. 2006
 - c. 2015
3. Circle the correct answer: Is everything grown at Sunbow Produce certified organic?
 - a. Yes
 - b. No
4. Being certified organic means that they are not allowed to use any sprays, _____, and _____.
5. To keep their organic certification, Sunbow Produce has to be inspected how many times a year? Write in the answer: _____
6. Circle the correct answer: Does Sunbow Produce grow plants year around?
 - a. Yes
 - b. No
7. What is the name of the technique they use to harvest leafy greens? _____
_____.
8. Circle the correct answer: Celery typically grows at a *slow* / *fast* pace.
9. What is one of the challenges Sunbow Produce faces in their operation?

10. Select the best answer: If you want to start a career in this industry, they suggest you:
 - a. Volunteer at a farm/grower
 - b. Work for a farm/grower
 - c. Connect with the online community of people who are in the industry
 - d. Take courses
 - e. All of the above!

Guided Notes for Coffee Crop Chats
Video: Sunbow Produce **ANSWER SHEET**

1. At Sunbow Produce, they grow over **70** different crops, depending on the season.
2. Circle the correct answer: What year was Sunbow Produce started?
 - a. 2013
 - b. 2006
 - c. **2015**
3. Circle the correct answer: Is everything grown at Sunbow Produce certified organic?
 - a. **Yes**
 - b. No
4. Being certified organic means that they are not allowed to use any sprays, **Pesticides** , and **Herbicides** .
5. To keep their organic certification, Sunbow Produce has to be inspected how many times a year? Write in the answer: **Once**
6. Circle the correct answer: Does Sunbow Produce grow plants year around?
 - a. **Yes**
 - b. No
7. What is the name of the technique they use to harvest leafy greens? **Cut and come again.**
8. Circle the correct answer: Celery typically grows at a ***slow*** / *fast* pace.
9. What is one of the challenges Sunbow Produce faces in their operation?

Answers will vary

10. Select the best answer: If you want to start a career in this industry, they suggest you:
 - a. Volunteer at a farm/grower
 - b. Work for a farm/grower
 - c. Connect with the online community of people who are in the industry
 - d. Take courses
 - e. **All of the above!**

Organic Farming Worksheet

What requirements/laws do organic farmers have to follow? List three facts below:

1. _____

2. _____

3. _____

Directions: Name and draw four crops below that you can grow organically in your area. Research different crop types and if they require irrigation (water).

Name of Crop: _____ Does it require irrigation? _____	Name of Crop: _____ Does it require irrigation? _____
Name of Crop: _____ Does it require irrigation? _____	Name of Crop: _____ Does it require irrigation? _____