

Name: \_\_\_\_\_

# "It's Just What We Do"

Aligned to the following standards:

Cs.0; CS.05; CS.06; FFA.PG.1; FFA.PG.J; FFA CS.P; AG4; AG5; AG6; AGCO9.02;  
CCSS.ELA.RI.9-10.1; CCSS.ELA.RI.9-10.2; CCSS.ELA.W.9-10.1; CCSS.ELA.W.9-10.2;  
CCSS.ELA.WHSY.9.10.4; HS-ETS1-3; AFNR Career Cluster Statement 3; AFNR Career  
Cluster Statement 7; CRP.02; CRP.04; CRP.05

## Directions:

As you watch the video "Agriculture's Sustainability Story: It's Just What We Do," answer the following questions.

### Introduction

1. How do farmers typically perceive sustainability?
2. What are some of the environmental concerns mentioned by the farmers? How do you think these challenges impact their farming practices?

### Tara Vander Dussen

3. According to Tara Vander Dussen, what is one important step they have taken to conserve water on their dairy farm?
4. How do they utilize cotton waste on their farm?
5. How do they use cow manure to improve soil health?

### Doug Darling

6. What does Doug Darling mention as a farming practice they have been following since the early 1980s?
7. What is the purpose of the filter strips on their farm?
8. What motivates Doug to take care of the land and practice sustainable farming?

### Kamal Bell

9. Why does Kamal Bell consider farming a difficult job?
10. What motivated Kamal to become a farmer, and what is his mission?
11. How does Kamal define sustainability?

### Reflection

12. Based on the stories shared by the farmers in the video, how can sustainable farming practices contribute to long-term environmental and societal benefits?

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# Areas of Focus

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CCSS.ELA.RI.9-10.1; CCSS.ELA.RI.9-10.2; CCSS.ELA.W.9-10.1; CCSS.ELA.W.9-10.2;  
CCSS.ELA.WHSY.9.10.4; HS-ETS1-3; AFNR Career Cluster Statement 3; AFNR Career  
Cluster Statement 7; CRP.02; CRP.04; CRP.05

## Directions:

As your teacher goes through the following areas of focus for sustainability, record the information below.

### Climate Change

What do you know? What have you heard about this topic?

What is it? (Define the area of focus.)

Why is it important? (Why does sustainability in this area matter?)

Which sustainable development goal(s) are related to this area of focus?



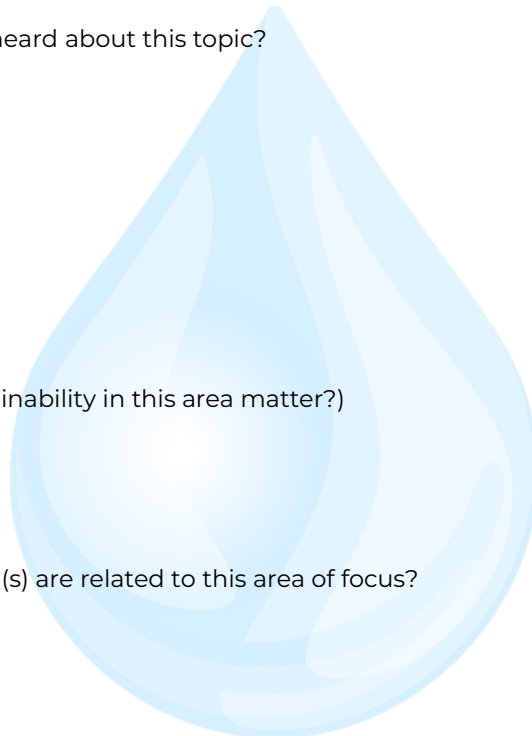
### Water Conservation

What do you know? What have you heard about this topic?

What is it? (Define the area of focus.)

Why is it important? (Why does sustainability in this area matter?)

Which sustainable development goal(s) are related to this area of focus?



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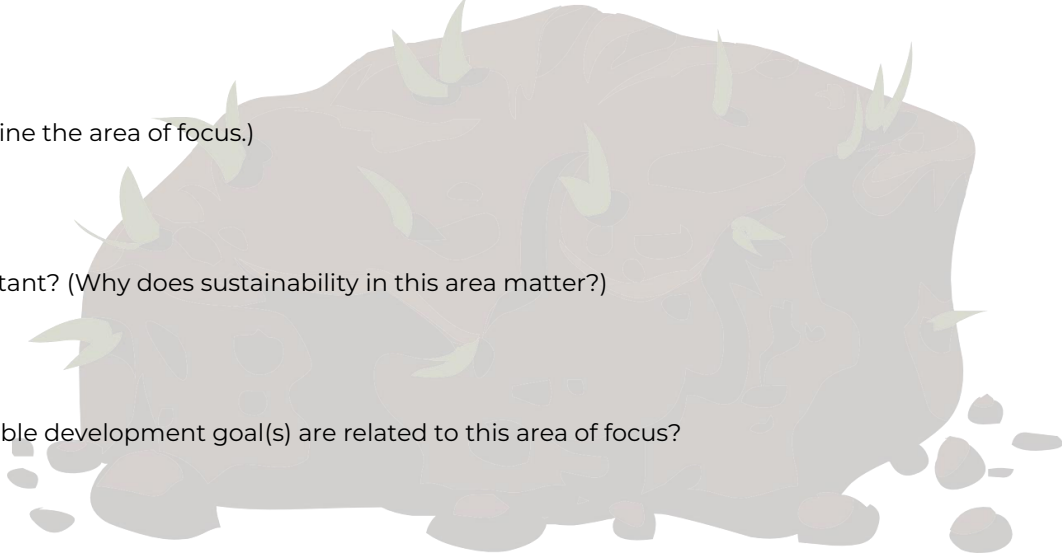
### **Soil Health**

What do you know? What have you heard about this topic?

What is it? (Define the area of focus.)

Why is it important? (Why does sustainability in this area matter?)

Which sustainable development goal(s) are related to this area of focus?



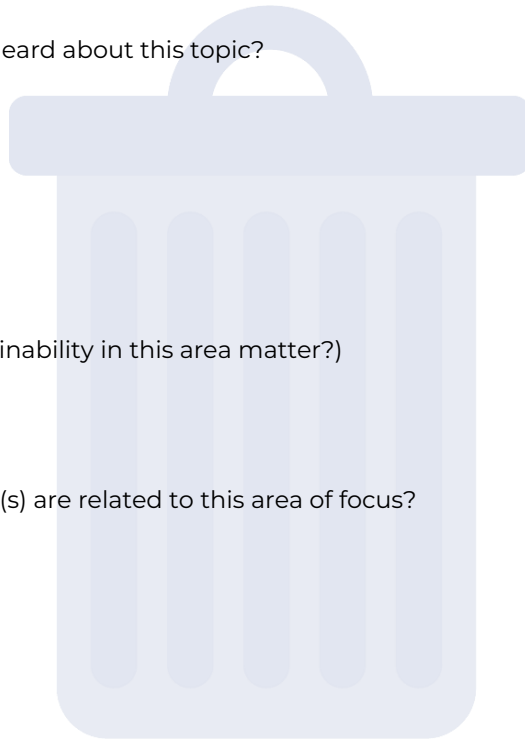
### **Waste Management**

What do you know? What have you heard about this topic?

What is it? (Define the area of focus.)

Why is it important? (Why does sustainability in this area matter?)

Which sustainable development goal(s) are related to this area of focus?



### **Conclusion**

1. Considering everything you've learned so far, explain why sustainability matters.
2. What other areas within agriculture can you think of where it would be important to incorporate sustainable practices?

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# Exploring Sustainable Practices

**Directions:**

Navigate to Farmers for a Sustainable Future (<http://voa2.fb.org/land/fsf>) and scroll down to the bottom of the page to the Learn More section. Explore those links and find five examples of current sustainable practices producers are using that fit within each of the areas of focus: climate change, water conservation, soil health and waste management.

| Sustainable Practices |                    |
|-----------------------|--------------------|
| Climate Change        | Water Conservation |
| 1.                    | 1.                 |
| 2.                    | 2.                 |
| 3.                    | 3.                 |
| 4.                    | 4.                 |
| 5.                    | 5.                 |
| Soil Health           | Waste Management   |
| 1.                    | 1.                 |
| 2.                    | 2.                 |
| 3.                    | 3.                 |
| 4.                    | 4.                 |
| 5.                    | 5.                 |

1. Based on your exploration of sustainable practices, how do you think these initiatives contribute to a more sustainable future for agriculture?
2. What do you think are the key factors that drive agriculture producers to adopt sustainable practices in their operations?
3. In your opinion, how important is it for agriculture producers to prioritize sustainable practices? Why?

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AGCO9.02; CCSS.ELA.RI.9-10.1; CCSS.ELA.RI.9-10.2;  
CCSS.ELA.W.9-10.1; CCSS.ELA.W.9-10.2; CCSS.ELA.WHSY.9.10.4;  
HS-ETS1-3; AFNR Career Cluster Statement 3; AFNR Career  
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# Sustainability Careers

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CCSS.ELA.RI.9-10.1; CCSS.ELA.RI.9-10.2; CCSS.ELA.W.9-10.1; CCSS.ELA.W.9-10.2;  
CCSS.ELA.WHSY.9.10.4; HS-ETS1-3; AFNR Career Cluster Statement 3; AFNR Career  
Cluster Statement 7; CRP.02; CRP.04; CRP.05

**Directions:**

Go to [AgExplorer.FFA.org](https://AgExplorer.FFA.org) and scroll down to Sustainability Systems. Click on the tile and use the information on those pages to help you complete the activity below.

Fill in the blanks below in the summary of the Sustainability Systems focus area:



Are you interested in helping to \_\_\_\_\_ the \_\_\_\_\_ by making the  
\_\_\_\_\_ by \_\_\_\_\_ industry practices? A career in  
\_\_\_\_\_ may be right for you. If you are looking to \_\_\_\_\_ the environmental  
\_\_\_\_\_ from \_\_\_\_\_ practices, check out sustainability. This area allows  
\_\_\_\_\_ to really \_\_\_\_\_ to think outside of the box to \_\_\_\_\_ a better  
\_\_\_\_\_ for everyone.

Choose five careers of interest to you from the Sustainability Systems focus area to complete the following table.

| Career | Career Summary and General Job Responsibilities | Education and Training Required | Activities in High School to Prepare for This Career | Average Salary |
|--------|-------------------------------------------------|---------------------------------|------------------------------------------------------|----------------|
|        |                                                 |                                 |                                                      |                |
|        |                                                 |                                 |                                                      |                |
|        |                                                 |                                 |                                                      |                |
|        |                                                 |                                 |                                                      |                |
|        |                                                 |                                 |                                                      |                |

1. Which sustainability careers did you find most interesting during your time on AgExplorer? Why did they stand out to you?
2. What additional research or steps could you now take to further explore the careers that interest you?
3. Why are careers in sustainability important for the future of the agriculture industry?