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# U.S. Sustainable Agriculture

## Introduction

Hello students!

For your next project you will be creating a United States sustainable agriculture map. Before doing this, you will research what sustainable agriculture is and where it is being utilized throughout the country. You will then create a map depicting these areas and what sustainable agriculture they partake in.

Agriculture is a critical part of the United States' economy and way of life. By adopting sustainable agriculture practices, our nation can create a food system that will last long into the future.



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## **Task**

**Your task will be to create a United States sustainable agriculture map. Before doing this, you will research what sustainable agriculture is and where it is being utilized throughout the country. You will then be given a blank map of the U.S. and color in the areas of the country that partake in sustainable agriculture. Try to be as accurate as possible!**

**Use a different color for each form of sustainable agriculture and create a key that labels each one with its designated color.**

**Check out the *Resources* page to get started on your research.**



## Process

**In order to complete your task, you will need to follow a series of steps.**



### Individual Process:

- 1.) Research what sustainable agriculture is.
- 2.) Research where sustainable agriculture is being utilized in the U.S.
- 3.) You will be given a blank map of the U.S. You can find it on the *Resources* page.
- 4.) Based off of your research, color in the areas of the country that participate in sustainable agriculture. Try to be as accurate as possible!
- 5.) Use a different color for each form of sustainable agriculture.
- 6.) Create a map key that labels each form of sustainable agriculture with its designated color.

### Collaborative Process:

- 1.) Once your map is completed, get together with classmates and compare your map with theirs.
  - Did they label the same forms of sustainable agriculture as you?
  - Do the maps look alike?
  - Did they do anything differently?
- 2.) The class will turn their maps in to the teacher.

### Possible Extension Activity:

See how the U.S. is also supporting sustainable agriculture abroad by exploring the following website:

<http://www.usaid.gov/what-we-do/agriculture-and-food-security/investing-sustainable-agriculture>

## Resources

Below are some resources to help you get started on your research. You are not limited to these resources. In fact, you are encouraged to find your own, as long as they are credible sources.

### WEBSITES

<http://www.leopold.iastate.edu/pubs-and-papers/2004-10-geography-of-taste>

<http://www.epa.gov/oecaagct/tsus.html>

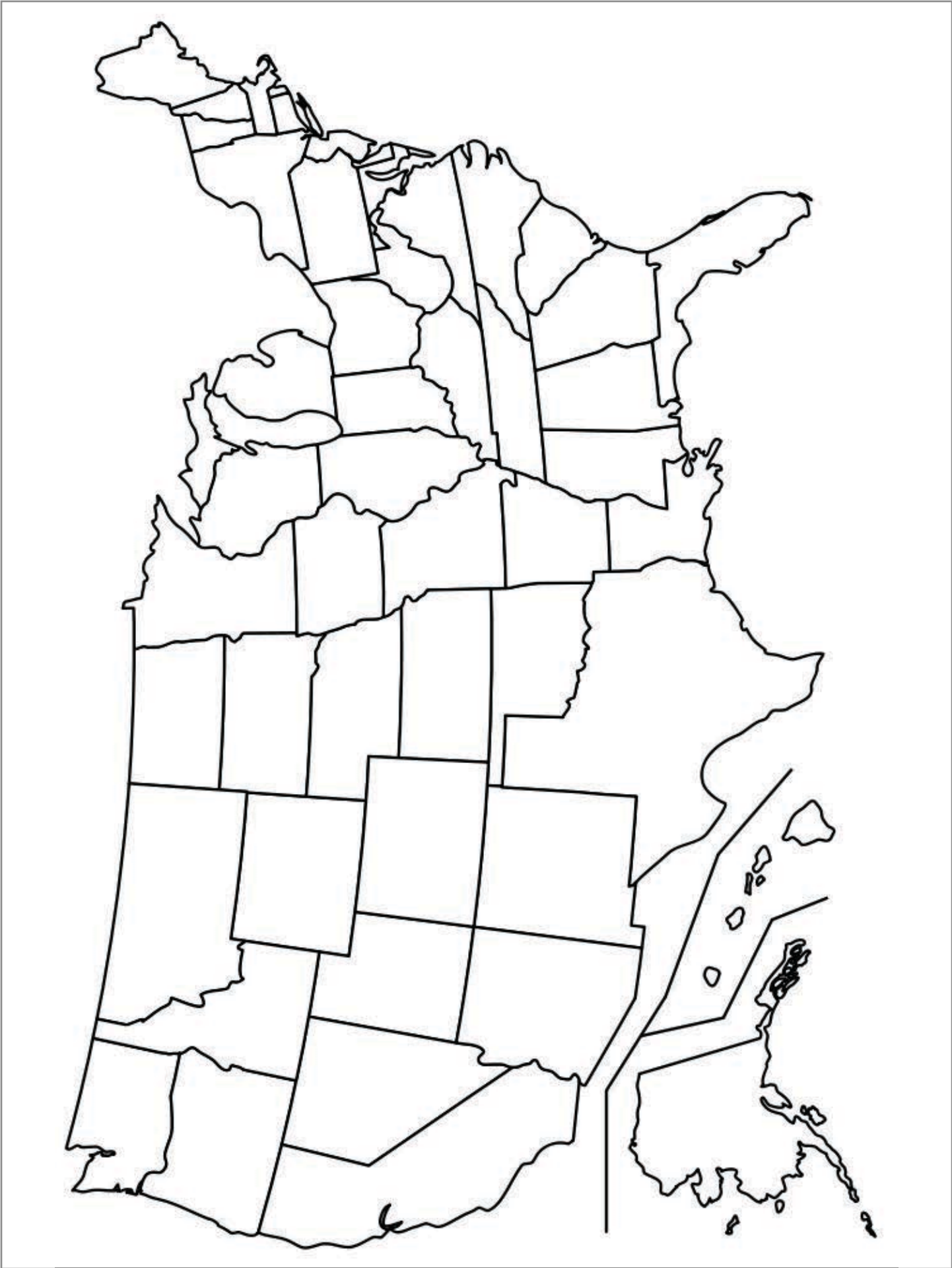
<http://afsic.nal.usda.gov/sustainability-agriculture-0>

<http://sustainableagriculture.net/about-us/what-is-sustainable-ag/>

### YOUTUBE VIDEO

“Sustainable Agriculture: Where do we go from here?”

<https://www.youtube.com/watch?v=CaD4LYqae4I>



# Evaluation

<u>Category</u>	<u>Excellent</u>	<u>Good</u>	<u>Sufficient</u>	<u>Requires Work</u>
<b>Sustainable Agriculture Knowledge</b>	Map shows that the student fully understands what sustainable agriculture is, where it is being utilized in the U.S., and what forms of sustainable agriculture are being used. (20 points)	Map shows that the student mostly understands what sustainable agriculture is, where it is being utilized in the U.S., and what forms of sustainable agriculture are being used. (19-15 points)	Map shows that the student almost understands what sustainable agriculture is, where it is being utilized in the U.S., and what forms of sustainable agriculture are being used. (14-10 points)	Map shows that the student does not understand what sustainable agriculture is, where it is being utilized in the U.S., and what forms of sustainable agriculture are being used. (<10 points)
<b>Map Accuracy</b>	Map accurately represents what areas of the U.S. participate in sustainable agriculture and what forms of sustainable agriculture are being used in those areas. Key included. (20 points)	Map mostly represents what areas of the U.S. participate in sustainable agriculture and what forms of sustainable agriculture are being used in those areas. Key included. (19-15 points)	Map sometimes represents what areas of the U.S. participate in sustainable agriculture and what forms of sustainable agriculture are being used in those areas. Key incomplete. (14-10 points)	Map does not represent what areas of the U.S. participate in sustainable agriculture and what forms of sustainable agriculture are being used in those areas. Key not provided. (<10 points)
<b>Workmanship</b>	Map is neat and properly organized. Each form of sustainable agriculture has its own color. (10 points)	Map is properly organized, but neatness could be improved. Each form of sustainable agriculture has its own color. (9-8 points)	Map is organized, but not neat. Each form of sustainable agriculture has its own color. (7-6 points)	Map is not organized or neat. Each form of sustainable agriculture does not have its own color. (<6 points)
<b>Class Participation</b>	Student fully participates in comparing their map with their classmates' and discussing the maps. (10 points)	Student adequately participates in comparing their map with their classmates' and discussing the maps. (9-8 points)	Student could participate more in comparing their map with their classmates' and discussing the maps. (7-6 points)	Student does not participate in comparing their map with their classmates' and discussing the maps. (<6 points)

**TOTAL: 60 Points**

# Conclusion

You've learned a great deal about sustainable agriculture in the United States up to this point. You researched what sustainable agriculture is, where it is being utilized throughout the country, and what forms of sustainable agriculture those areas participate in. Not only have you become expert researchers, but you have learned how to apply that knowledge into a project of your own. Through your research, you have created a sustainable agriculture map of the United States.

Thank you for all of your hard work!



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