

Name: _____

Aligned to the following standards: FFA.PL-A; FFA.PL-C; FFA.PG-J; FFA-CS-M; AG-FD4; CS.03; CCSS.ELA-Literacy.RI.9-10.1; CCSS.ELA-Literacy.W.9-10.2; CCSS.ELA-Literacy.SL.9-10.1.A; CCSS.ELA-Literacy.SL.9-10.4; CCSS.ELA-Literacy.RST.9-10.3; CCSS.ELA-Literacy.WHST.9-10.4; CRP.02; CRP.04

My Career in Food Science

Part 1:

Directions:

Watch the video "What is Food Science?" (https://youtu.be/_bJYav37-zw) and answer the following prompt.

- What is food science?
- Why do you think food science is important?

Directions:

Food science is a crucial component to the agricultural industry as well as being required for us as consumers to have the variety of food we have come to expect everyday. With food science having such a large role in our lives, you can just begin to imagine how many careers exist within the world of food science! Select a career of your choice and answer the questions below. You may pick any career in food science, but the list below may help you get started:

Food Scientist	Biochemist	Cereal Scientist	Dairy Products Scientist	Director of Quality Assurance	FDA/USDA Research Scientist	Flavor Chemist
Food Engineer	Food Industry R&D	Food Ingredient Sales	Food Inspector	Food Microbiologist	Food Product Consultant	Food Product Developer
General Manager, Research	Laboratory Director	Manager Analytical Lab	Market Researcher	Manager, Meat Applications	Meat Scientist	Natural Products Researcher
Plant Supervisor	Food Technologist	Project Leader	Technology Project/Product Manager	Public Health Official	Quality Assurance Director, Manager or Supervisor	Food Biochemist
Research Scientist	Quality Assurance	Officer Sales Manager	Scientific and Regulatory Affairs	Scientific Research	Senior Food Scientist	Sensory Evaluation Expert
Food Chemist	Food Toxicologist	Plant Manager	Technical Sales Representative	Food Biotechnologist	Packaging Specialist	Research and Development
Sensory Scientist	Technology Development Manager	Food Safety Inspector				

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Resources for Researching Your Career Online: Use the following resource to find information on your food science career: AgExplorer.FFA.org/focus/food-products-processing-systems



My food science career choice is _____.

I will need the following schooling/education (What education is required for your career choice?):

List 2 colleges in the United States that offer your career choice:

(1)

(2)

What a day looks like in my career (list and describe 4 specific tasks you may do in your career):

1)

2)

3)

4)

- Why is this career important to the overall goal of the food science industry?

- How does this career impact you?

Draw one emoji to depict how you feel about food science.

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Part 2:

Directions:

Once you have completed the above information about your career, prepare a 30-second to one-minute verbal presentation sharing what you learned. Be sure to include the following:

1. Name of the career
2. Why you chose this career to learn more about
3. Education required
4. Three tasks you may complete in this job.
5. Why this job is important

You may want to practice what you plan to say before it is your turn! Your teacher will score your verbal presentation on the factors mentioned above and your voice, posture and overall effect. Wait for your teacher to tell you when it is your turn to present.

My Brainstorm Box: Draft your verbal presentation here!

Name: _____

Career Connection

Directions:

Use the following table to make connections between careers you have just learned about and the components of the food science industry. Note: You may need to research a couple additional careers based upon the careers your classmates shared in the previous activity.

Name of Part of CDE	Purpose/What is learned by participating?	Career(s) this prepares you for.
Team Product Development		
Food Safety/Sanitation Team Activity		
Objective Knowledge Exam		
Customer Inquiry Letters		
Product Specification Compliance		
Sensory Evaluation Practicum		
How does learning food science and being exposed to the careers and different components of the industry make you a better consumer?		

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Exit Tickets

exit	name: _____	ticket
	BASED ON THE CAREER YOU FEATURED IN YOUR PRESENTATION, WHAT AREA(S) IN THE FOOD SCIENCE CDE WOULD PREPARE A PERSON THE MOST FOR THAT CAREER?	

exit	name: _____	ticket
	BASED ON THE CAREER YOU FEATURED IN YOUR PRESENTATION, WHAT AREA(S) IN THE FOOD SCIENCE CDE WOULD PREPARE A PERSON THE MOST FOR THAT CAREER?	

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Grading Rubric for “My Career in Food Science” Student Activity

Indicator	Strong (5–4 points)	Moderate (3–2 points)	Weak (1–0 points)	Points Earned
States Chosen Career Choice and WHY	Included	Included, but difficult to understand	Not included	
States the Education Required for the Career	Included	Included, but difficult to understand and/or does not provide enough information about the education required	Not included	
Describes Common Tasks in the Career	Describes three tasks he or she may complete in the career area	Describes one or two tasks	Does not mention any work/tasks found in the career choice	
Describes why this career is important	Included	Included, but difficult to understand	Not included	
Overall Impression (Voice, Posture, etc.)	Voice was clear and easy to understand. Student stood up when speaking. Student showed enthusiasm while speaking.	Voice was hard to hear/understand. Student may or may not have stood up while presenting. Enthusiasm was not evident.	Student did not present or was not ready.	
			Total Points Possible: 25	