

NAME: _____

Aligned to the following standards:

FFA.PL-A; FFA.PL-E; FFA.PG-J; FFA.CS-M; FFA.CS-N; CCSS.ELA.SL.9-10.1;
CCSS.ELA.SL.9-10.2; CCSS.ELA.SL.9-10.4; CCSS.ELA.WHST.9.10.4; MP1; MP5; MP6;
CRP.02; CRP.04; CRP.05; CRP.06; CRP.11

Appendix 3: Plants Are Amazing!

Created: Spring 2019 by the National FFA Organization

Part 1

DIRECTIONS:

Watch the video "What is a Plant?" until the 7:00 mark and record the information below. The video URL is <https://youtu.be/qULkjDccCeY>.

What allows plants to stand?

What aids in the green color of plants?

How do plants adapt to their environment to meet their survival needs? Identify 2 ways.

1. _____
2. _____



Plants utilize sunlight to create food and energy through this process:

How would all the plant information listed above and discussed in the video impact the plants a person would select for a garden or landscape?

Identify 3 ways in which plants impact humans.

1. _____
2. _____
3. _____

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Part 2

DIRECTIONS:

Read the "Grow in the City" article found in the Spring 2019 issue of *FFA New Horizons*.

Today, we are going to map out our own urban garden! Live in a rural area? Think about your local town square as a location.

1. Pick the right site.

Give a brief description of the site you selected and why. What makes this location ideal?

Draw a map that shows how to get from the school to the site you have selected. Remember, this should be easily understood by anyone, even those that do not live in your community.



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2. Go vertical.

Give a brief description of how you are going to 'go vertical' and which materials you will use to maximize the space selected.

Draw a picture of your plan to go vertical.



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3. Think big.

Research different plants that would work well in the space you have selected. Determine the price and quantity you would need to get this project going. Be varied in your selection and select a minimum of 5 different plants. For ideas, check out Burpee seeds for seeds and pricing ideas.

Type of Plant	Quantity	Price
		Total:



How do you see your urban garden impacting others?

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4. Spread the word.

Create a social media campaign for your urban garden to let people know about the opportunity.



Picture



Using the crops you selected, develop or find a recipe for Pinterest.



Recipe name: _____

Ingredients:

Directions:

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Part 3

DIRECTIONS:

Develop a 3- to 5-minute presentation to present to your teacher, school or principal about the importance of urban farming and how the plan you developed could meet a need in your community. Use the space below to plan your presentation.



Introduction to urban farming and need

How can an urban farm meet the needs in the location you selected?

Your plan

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Presentation Rubric

Qualification	Very strong evidence of skill is present (5–4 pts)	Moderate evidence of skill is present (3–2 pts)	Weak evidence of skill is present (1–0 pts)	Total Points (20 possible)
Presentation Skills	Is thorough and maintains eye contact	Somewhat professional and depends on the presentation	No evidence of preparation	
Grammar/Punctuation/Spelling	Spelling, grammar and punctuation are extremely high quality with two or less errors in the document.	Spelling, grammar and punctuation are adequate with three to five errors in the document.	Spelling, grammar and punctuation are less than adequate with six or more errors in the document.	
Time	Two minutes or more	Between one and two minutes	Under one minute	
Overall Impression	Presentation was professional, and presenter thoroughly explained his or her plan/idea.	Presentation was complete but lacked some detail.	The presentation lacked polish and information.	
			Total	