



Lesson Plan

Agriculture Commitments

Created: 06/2016 by the National FFA Organization

STUDENT LEARNING OBJECTIVES

After completing these activities students will...

1. Identify Syngenta's commitments to help fight hunger.
2. Describe each of Syngenta's commitments to help fight hunger.
3. Develop a speech to inform those about world hunger.

TIME REQUIRED: 30 minutes

RESOURCES:

1. FFA.org
2. Video: [Connect: One Planet. Six Commitments. The Good Growth Plan.](#)

EQUIPMENT AND SUPPLIES NEEDED:

1. A copy of the "What is your commitment?" worksheet for each student.
2. Internet access to play the video in real time or embed it in a PowerPoint ahead of time.

THIS QUICK LESSON PLAN WOULD WORK WELL AS A:

1. Tool for FFA officers and members.
2. Stand-alone activity for understanding global agriculture and hunger issues.
3. Portion of a unit within agriscience.

THESE ACTIVITIES ARE ALIGNED TO THE FOLLOWING STANDARDS:

FFA Precepts

- FFA.PL-A.Action: Assume responsibility and take the necessary steps to achieve the desired results, no matter what the goal or task at hand.
- FFA.PG-J.Mental Growth: Embrace cognitive and intellectual development relative to reasoning, thinking and coping.
- FFA.CS-N.Decision Making: Analyze a situation and execute an appropriate course of action.
- FFA.CS-P.Technical/Function Skills in Agriculture: Obtain knowledge and skills needed for a career in agriculture and related industries.

AFNR Performance Element

- CS.06. Analyze the interaction among AFNR systems in the production, processing and management of food, fiber and fuel and the sustainable use of natural resources.

Common Career Technical Core

- AG2 Evaluate the nature and scope of the Agriculture, Food & Natural Resources Career Cluster and the role of agriculture, food, and natural resources (AFNR) in society and the economy.
- AG6 Analyze the interaction among AFNR systems in the production, processing, and management of food, fiber, and fuel and the sustainable use of natural resources.

Common Core- Writing

- CCSS.ELA-Literacy.W.9-10.2 Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

Common Core- Speaking and Listening

- CCSS.ELA-Literacy.SL.9-10.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9-10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
- CCSS.ELA-Literacy.SL.9-10.2 Integrate multiple sources of information presented in diverse media or formats (e.g., visually, quantitatively, orally) evaluating the credibility and accuracy of each source.
- CCSS.ELA-Literacy.SL.9-10.4 Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

Common Core- Math Practices

- CCSS.Math.Practice.MP1 Make sense of problems and persevere in solving them.

AFNR Career Ready Practices

- CRP.02. Apply appropriate academic and technical skills. Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive.
- CRP.04. Communicate clearly, effectively, and with reason. Career-ready individuals communicate thoughts, ideas and action plans with clarity, whether using written, verbal and/or visual methods.
- CRPW.05. Consider the environmental, social and economic impact of decisions. Career-ready individuals understand the interrelated nature of their actions and regularly make decisions that positively impact and/or mitigate negative impact on other people, organizations and the environment.
- CRP.06 Demonstrate creativity and innovation. Career-ready individuals regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization.
- CRP.07. Employ valid and reliable research strategies. Career-ready individuals are discerning in accepting and using new information to make decisions, change practices or inform strategies.
- CRP.08. Utilize critical thinking to make sense of problems and persevere in solving them. Career-ready individuals readily recognize problems in the workplace, understand the nature of the problem, and devise effective plans to solve the problem.
- CRP.11. Use technology to enhance productivity. Career-ready individuals find and maximize the productive value of existing and new technology to accomplish workplace tasks and solve workplace problems.

Partnership for 21st Century Skills

- Communication
- Civic Literacy
- Critical Thinking and Problem Solving
- Environmental Literacy
- Flexibility and Adaptability
- Global Awareness
- Information, Communications, and Technology Literacy
- Initiative and Self-direction
- Leadership and Responsibility
- Technology Literacy
- Think Creatively

LESSON PLAN:

1. Introduction:

Bellwork/Pre-Lesson Activity:

To introduce students to the lesson for the day ask these two questions:

1. What is one thing you are committed to in your life?
2. Why are having commitments important?

2. Activity: Each student needs a copy of the handout "What is your commitment?"

- a. Show the video: *Connect: One Planet. Six Commitments. The Good Growth Plan*. The direct URL is https://youtu.be/L_J56fN9Cg0.
- b. Next, pass out the handout "What is your commitment?"
- c. Students should follow the directions on the handout. Note: The handout has two parts.

3. Follow-up:

To reflect on what the students have learned today have them answer the following questions on their own paper:

- a. Discuss with your neighbor (seat partner, partner) how your school and FFA chapter can help in the fight to end hunger.
- b. After ample time is given, choose 2-3 partner groups to present/discuss their thoughts with the class.

4. Leveling Up:

- a. Create a brochure about world hunger. Sample rubric:
 - Title (one section): 10 points
 - Color: 15 points
 - Neatness: 15 points
 - 3 general facts about world hunger (one section): 30 points
 - 2-3 facts about the growing population (one section): 15 points
 - 2-3 facts about how Syngenta is committed to helping solve world hunger (one section): 10 points
 - Site source (10 points)
 - How can your school, FFA chapter help combat world hunger? (one section): 10 points

TOTAL: 115 POINTS

NAME: _____

What is your commitment?

Aligned to the following standards:
FFA.PL-A., FFA.PL-C., FFA.PL-E., FFA.PL-F. FFA.CS-M., FFA.CS-O., FFA.CS-P,
CCSS.W.9-10.2, CCSS.W.9-10.3, CCSS.W.9-10.4, CCSS.W.9-10.5,
CCSS.W.9-10.6, CCSS.W.9-10.8, CCSS.W.9-12.9, CCSS.SL.9-10.1,
CCSS.SL.9-10.4, CRP.04., CRP.06., CRP.11.

DIRECTIONS:

Part 1: Watch the video: *Connect: One Planet. Six Commitments. The Good Growth Plan.* This video clip shows Syngenta's commitments to help battling the world hunger problem we face. We are all committed to something in our life, whether it is doing well in school or being a great team player on our sports team. Read through the following questions and answer according to your own commitments.

Part 1:



1. What are two things you are committed to in your life?



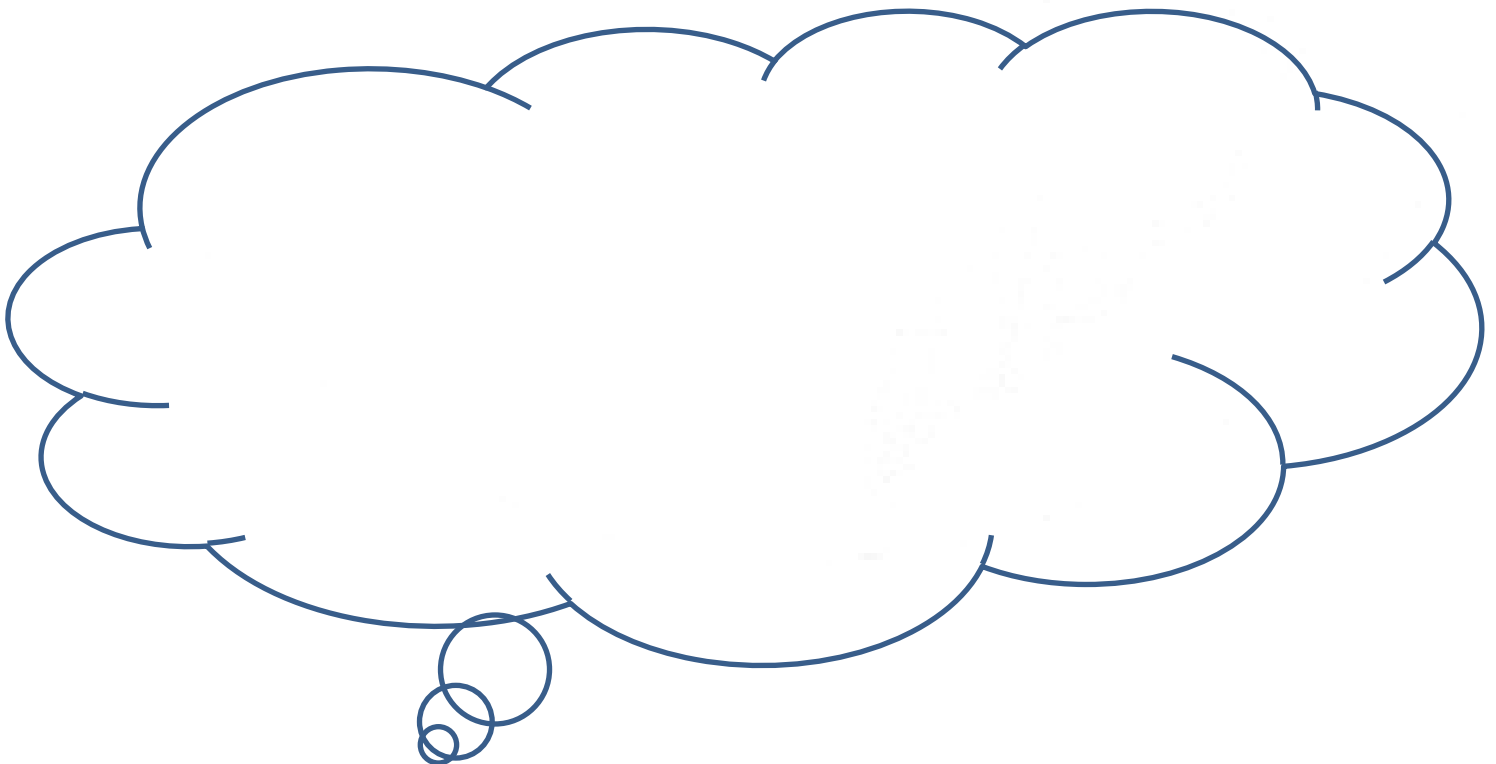
2. How do you go about following through on those commitments? (What do you do specifically to work on those commitments?)



3. What are 2 struggles that you have/had with following through on those commitments AND how did you overcome them?

Part 2:

Create a 2-3 minute speech highlighting Syngenta's commitments to help fight world hunger. The speech should highlight why they are committed to this issue and how they plan to follow through on that commitment. Highlight each of the six commitments and provide facts from each one of those commitments. Be sure to have an introduction and conclusion in your speech.



Commitments Speech



Aligned to the following standards:
FFA.PL-A., FFA.PL-C., FFA.PL-E., FFA.PL-F. FFA.CS-M., FFA.CS-O., FFA.CS-P, CCSS.W.9-10.2, CCSS.W.9-10.3, CCSS.W.9-10.4, CCSS.W.9-10.5, CCSS.W.9-10.6, CCSS.W.9-10.8, CCSS.W.9-12.9, CCSS.SL.9-10.1, CCSS.SL.9-10.4, CRP.04., CRP.06., CRP.11.

(Use this space to write your speech).

A large, empty rectangular box with a blue border, intended for writing the speech.

Rubric – Leveling Up Activity

Section Name	Total Point Value	Point Value Received	Comments
Title	10 points		
Neatness	Points		
3 general facts about world hunger	30 points		
2-3 facts about the growing population	15 points		
2-3 facts about how Syngenta is committed to helping solve world hunger	10 points		
Site source	10 points		
How can your school, FFA chapter help combat world hunger?	10 points		
TOTAL	115 points		