

Unlock
— your —
Potential

#TeachAg

Teacher Lesson Plan
& Student Materials



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Lesson Title: Unlock Your Potential #TeachAg

Time: 60 minutes (30 minutes optional extensions)

Target Audience: Middle & High School Students

Lesson Objectives:

Upon completion of this lesson, students will:

- Explore different responsibilities of agriculture teachers by completing at least two agricultural educator tasks.
- Students will connect pathways to various activities by collaborating with peers to develop ideas to implement into their program.
- Students will reflect on different roles their teacher has served to create a successful classroom by participating in a class discussion and completing reflection questions.

Materials/Equipment Needed:

You may access all digital materials at the following link:

<https://www.naae.org/teach-ag/promote-teach-ag/lesson-plan-in-a-box/>

- (1) PowerPoint – Unlock Your Potential #TeachAg
- (1) Unlock Your Potential #TeachAg Onboarding Video
- (36) Pre-made NAAE Teacher Badges
- (36) NAAE Lanyards
- (36) Limitless Learning Handout
- (36) Boundless Classrooms Handout
- (36) Humble Leaders Handout
- (36) Ag Ed Advocate Handout
- (36) Reflection Questions Exit Ticket
- (36) Task Approval Key & Golden Key Sticker Pads

- Post-it Notes (2 per student)–Not Provided by NAAE
- Computer, Speakers, Projector/Video Projection Capabilities–Not provided by NAAE

Key Terms/Definitions:

- **Agricultural Educator:** An instructor of agriculture, food, and natural resources. This person teaches students a wide variety of skills, including science, math, communications, leadership, management, and technology (National Association of Agricultural Educators, NAAE, n.d.).

- **Agricultural Education:** Uses three interconnected components of classroom/laboratory instruction, experiential learning, and leadership to educate students about agriculture, food, and natural resources (National Association of Agricultural Educators, NAAE, n.d.).
- **Agriculture Career Pathways:** A specific set of paths in which school-based agricultural education programs can implement within their program. Pathways are used as a guide for the development of well-planned curriculum for school-based agriculture programs and student career exploration. (The National Council for Agricultural Education, n.d.)
- **School-Based Agricultural Education (SBAE):** A 100-year-old, cost effective system of delivering agricultural innovations, guided by an experiential learning model, in non-dormitory, post-primary schools. (The Movement for School-Based Agricultural Education, n.d.)
- **Educational Objective:** An observable and measurable statement that clearly describes what a learner will know or be able to do as an overall result of participating in the learning process set forth by an educator. (National Association of Agricultural Educators, NAAE, n.d.)
- **Onboarding:** The act or process of orienting and training a new employee. (Merriam-Webster, n.d.)

Materials to Prepare Prior to Lesson:

- Make copies of all handouts needed (Limitless Learning, Boundless Classrooms, Humble Leaders, Ag Ed Advocate, and Reflection Questions Exit Ticket).
- Pull up the “Unlock Your Potential #TeachAg Onboarding” Video, test for audio.
- Prepare the “Key Stickers” to make administration easier.
- Develop a system in which you will assign tasks (tasks 1-4) to students/pairs of students. You can assign tasks randomly, use cards, dice, or anything else that you may feel. We do suggest that you assign a diverse array of all four tasks to further enhance learning opportunities that this lesson can provide.

Lesson Plan Teacher Notes	Logistics
<p>Anticipatory Set</p>	<p>Time: 10 minutes</p>
<p>Purpose/Objective: Identify pathway interest</p>	
<p>Begin the lesson by showing the "Unlock Your Potential #TeachAg Onboarding Video"</p> <p>Video Synopsis: <i>"Hello and congratulations! Superintendent Smith here, and I am thrilled to welcome you as a new member to our growing family here at the NAAE School District. As we continue to cultivate boundless classrooms filled with limitless learning, we recognize the invaluable role that agricultural educators play in shaping the minds and leaders of tomorrow. Your passion for agriculture and dedication to education have already shone through, and we are excited to have you join us on this journey. However, your journey has only just begun. Throughout the next few days, you will have to continue to showcase your value as an agricultural educator. We have several tasks that will require you to use your creativity, knowledge, and skillset to earn "keys" to the various doors of opportunity within the agriculture department. Your expertise and enthusiasm will undoubtedly inspire our students to explore, discover, and thrive. Just know that you are never alone. You will earn the support of your CTE Director, Principal, Department Chair, and School Board. We are honored to have you with us, and we cannot wait to see the incredible impact that you will make here within the NAAE School District. Welcome aboard! Let's learn and grow together!"</i></p> <p>As freshly hired agriculture teachers, students are now tasked with creating some innovative and exciting learning opportunities for their own students in their agricultural education classroom.</p> <p>However, the first task to showcase their new employment is to create a "Teacher Badge" of their very own.</p> <ul style="list-style-type: none"> - Show students PowerPoint slide 2 that showcases a couple of examples of teacher badges to inspire their creativity. Please feel free to share your own teacher badge with students as well. - Students will receive an NAAE #TeachAg Lanyard from the kit. They will place their finished teacher badge on the lanyard to wear throughout the lesson (students will not keep the lanyard, so you can continue to use them for future lessons). Students will create a teacher badge using their own name. They will also draw 	<p>Materials Needed:</p> <ul style="list-style-type: none"> -Computer -Speakers -Onboarding Video -Teacher Badges -Markers, Colored Pencils, Crayons <p>(5-8 minutes for badge creation)</p>

a quick “school photo” that highlights their chosen preferred pathway (this might be an ag power teacher holding a saw, animal science teacher with a dog, etc.). Below their name, they can also write a “teacher catch phrase”. Encourage students to have fun and be creative.

- The QR Code on the Teacher Badge is linked to our NAAE #TEachAg Campaign Survey. Please encourage students who are interested to complete the survey. This allows us to send students quarterly communication about the profession of teaching agriculture.
- Once created, make sure they wear that badge just like a teacher would using an NAAE #TeachAg lanyard!

Students will select a pathway from the list provided on slide 3 of the PowerPoint.

To represent comradery among ag teachers, students will then partner with another student in class who has selected the SAME pathway. Partner any unpaired students as needed or if there is an odd number of students, feel free to make groups of 3 as needed as well.

Students will then be assigned tasks by their teacher. There are four assignments/tasks that students can complete. These tasks will be assigned based on your discretion. As students’ complete tasks, you will check their work and award them the respective “key” to their program.

If students complete the “Limitless Learning” assignment, they will receive the “Limitless Learning Key”. After completing the “Boundless Classroom” assignment, students should receive the “Boundless Classroom Key”. Once the “Humble Leaders assignment is completed, students will receive the “Humble Leaders Key”, and finally the “Ag Ed Advocate Key” is provided to students once they complete the “Ag Ed Advocate” assignment.

Show students PowerPoint slide 4 to highlight the respective keys that they will earn for the tasks that they complete.

Show students the objective structure template on slide 5 of the PowerPoint before they begin their first task. This slide may need to be displayed as students work on their tasks.

<p>At your discretion, you can announce these opportunities ahead of time if you feel that may better motivate your students OR keep them a secret and give them to students as you feel fit. Distribution of these keys is up to you as the educator.</p> <p>**Additional Keys (Golden Keys) can be handed out to students as they are working on tasks. This is to promote collaboration, going above and beyond with ideas, and being extremely creative. These could also be scored as “bonus points” in your gradebook toward student’s grades.</p> <ul style="list-style-type: none"> - Shaping the Future Key: Given to students who come up with an extremely creative activity/activities. - By Choice, Not by Chance Key: Given to students who are actively engaged in their task. - World Changer Key: Given to students who think about their community and go above and beyond in what is asked through the task at hand. - Leading and Learning Together Key: Given to students who show a collaborative effort and work together very well. 	
Section Title: Project Blueprints – “Limitless Learning”	Time: 15 minutes
Purpose/Objective: Create a final project idea that showcases skills learned in the pathway.	
<p>Partners will work together to develop a new project assignment for their selected pathway. The goal is to brainstorm in whatever creative manner they desire (draw, list, etc.) on the Limitless Learning Handout. They will need to highlight what skills are being showcased in this section through determining a set number of “Objectives” that the project will address, and their students will be expected to learn.</p> <p>Approval will need to happen to issue students their “Limitless Learning Key” for their badge.</p> <p>Advanced Lesson Enrichment Opportunity: If time and your schedule allows, students could enrich their learning by building a model of their project idea.</p>	Materials Needed: <ul style="list-style-type: none"> - Limitless Learning Handout - Limitless Learning Key

<p>Section Title: Field Trip – “Boundless Classrooms”</p>	<p>Time: 15 minutes</p>
<p>Purpose/Objective: Create a meaningful field trip for students to explore the industries tied to selected pathways.</p>	
<p>Partners will create a one-day field trip for their selected pathway. Students should plan a trip that will encompass an entire day of learning for students. The number of days to travel to their set location does not count. However, students should be realistic in their expectations.</p> <p>Once the trip is planned, they must create a postcard (Boundless Classrooms Handout) that highlights their trip and the objectives that the trip enforces. Draw a picture on the front side, while writing an itinerary on the back. Once finished, they must receive approval by you to receive their respective key.</p> <p>Approval will need to happen to issue students their “Boundless Classroom Key” for their badge.</p> <p>Advanced Lesson Enrichment Opportunity: Students can enrich their learning by rolling dice to determine the amount of stops they need to make, a set amount within a budget they need to stick to, or the number of days they must plan for. As the teacher, you can further extend this activity however you may wish.</p>	<p>Materials Needed:</p> <ul style="list-style-type: none"> - Boundless Classrooms Handout - “Boundless Classrooms” Key -Dice (optional)
<p>Section Title: School Collaboration – “Humble Leaders”</p>	<p>Time: 15 minutes</p>
<p>Purpose/Objective: Create a collaborative project that connects beyond the agriculture classroom.</p>	
<p>Partners will design a collaborative project with another department within the school (Math, Science, Other CTE pathway, etc.). This could be a fundraiser, school project, lesson activity, etc. The project should relate to the student’s selected pathway.</p> <p>Create a flyer (Humble Leaders Handout) that could be used by both departments involved to promote this to students throughout the school. Detail what the activity is, what objectives the collaborative project enforces, along with how both groups would be impacted.</p> <p>Approval will need to happen to issue students their “Humble Leaders Key” for their badge.</p>	<p>Materials Needed:</p> <ul style="list-style-type: none"> - Humble Leaders Handout - “Humble Leaders” Key

Section Title: Community Service Project – “Ag Ed Advocate”	Time: 15 minutes
Purpose/Objective: Create a community service project that could serve as positive promotion of your program.	
<p>Partners will be tasked to create a community service project that ties to their selected pathway. The project will be highlighted on social media (Ag Ed Advocate Handout), so have the group work through that event and write up how they’d want it to go. The handout prompts students to highlight what objectives students were tasked with learning through the project, students will draw a picture and explain throughout the prompts on the handout.</p> <p>Approval will need to happen to issue students their “Ag Ed Advocate Key” for their badge.</p>	Materials Needed: – Ag Ed Advocate Handout – “Ag Ed Advocate” Key
Section Title: Agricultural Education is a Community	Time: 10 minutes
Purpose/Objective: Collaborate with other teachers to share ideas and gather feedback on projects.	
<p>Once partners have completed their 2 required tasks, they will need to receive tape from you to hang their work up around the room. Once all students have hung their two task sheets on the wall, each student will receive two (2) post-it notes. The class will browse around the room to do a “Gallery Show” of all the work completed by their classmates. As students are participating in the “Gallery Show”, they will be tasked with writing a positive note for at least two different pieces of work. Students are not permitted to comment on their own work. You may need to help prompt students with ideas on how to comment.</p> <p>Students will also need to be thinking and reflecting about the “Discussion Questions” that are posted on slide 6 of the PowerPoint.</p>	Materials Needed: –Tape –Post-it Notes
Conclusion/Lesson Closure: Share Out	Time: 10 minutes
Purpose/Objective: Reflect on tasks ag teachers complete to ensure a high quality classroom.	
<p>Hold a class discussion utilizing the “Discussion Questions” listed on PowerPoint slide 6.</p> <ul style="list-style-type: none"> - What task were you impressed with that represented a different pathway other than the one you selected? 	Materials Needed: –Reflection Question Handout (Exit Ticket)

- After participating in the gallery show, would you be interested in teaching a different pathway?
- Beyond the task that you completed today, what are some other tasks that you believe agriculture teachers do?
- What are things you did in this activity that you remember seeing your ag teacher do?

As an "Exit Slip", have students answer the reflection questions on the "Reflection Questions Handout".

- Throughout this activity and/or discussion, what was something you didn't realize agriculture teachers had to do?
- As an "Ag Teacher" yourself, what did you enjoy completing through this lesson and why?
- Explain one powerful learning moment that you are taking away from this lesson.
- Name and explain one strength of yours that you feel would make you a great agricultural educator and explain why.

* Encourage students to take pictures/selfies with their completed Teacher Badges. Please encourage them to tag NAAE and use #TeachAg as well.

**Be sure to collect each NAAE #TeachAg Lanyard as you collect student's reflection questions handout.

References/Resources:

"AFNR Standards." *The National Council for Agricultural Education*, 13 Dec. 2023, thecouncil.ffa.org/afnr/.

Acknowledgements

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Limitless Learning

Develop a new project assignment for your selected pathway. Highlight the skills that will be showcased by determining a set number of objectives the project will address.

Project Name _____

Project Objectives _____

.....
Materials Needed

.....
To Do List

.....

Creative Space



Boundless Classrooms

Objectives

Itinerary

Plan a one-day field trip that will help students explore an industry tied to your selected pathway.

Travel time to your selected location does not count, but make your expectations realistic for what you can accomplish in one day.

Design a postcard that highlights your trip and the objectives it helps meet.

Use the top rectangle as the back, to outline your objectives and itinerary, and the bottom rectangle to create an eye-catching design related to the trip.



Humble Leaders

Create a flyer that could be used by both departments to promote your collaborative project within the school. Include the following: (1.) What is the activity? (2.) What objectives does this project enforce? (3.) How will both groups be impacted?



Ag Ed Advocate

Project Objectives

Draw a picture that shows your project and write a caption that covers the following:

- How many people were impacted?
- What impact was made in the community and on those who participated?
- What did students gain from this experience?

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Reflection Questions

1. Throughout this activity and/or discussion, what was something you didn't realize agriculture teachers had to do?

2. As an "Ag Teacher" yourself, what did you enjoy completing through this lesson and why?

3. Explain one powerful learning moment that you are taking away from this lesson.

4. Name and explain one strength of yours that you feel would make you a great agricultural educator and explain why.
