

AI Curriculum Upgrade For Agriculture Teachers

Enhance lessons with artificial intelligence

AI Curriculum Upgrade Worksheet

Step 1: Identify a Lesson

- Course: _____
- Unit: _____
- Lesson: _____

Step 2: What's Not Working?

- Students are bored
- Too much lecture
- Too easy
- Too much grading
- Weak assessment
- Little real-world application
- Doesn't fit a block schedule
- Limited student discussion
- Limited hands-on learning
- Other: _____

Step 3: What Do You Want More Of?

- Engagement
- Collaboration
- Rigor
- Application
- Differentiation
- Critical Thinking
- Project-Based Learning
- Industry Connections
- Student Ownership
- Other: _____

Step 4: AI Prompt

- Prompt Used:

Step 5: What Ideas Did AI Generate?

Step 6: What Will You Actually Use?

20 AI Prompts for Ag Teachers

Increase Engagement

1. Turn this lesson into a hands-on activity.
2. Turn this lesson into a station rotation.
3. Create a classroom competition around this topic.
4. Create a real-world agriculture scenario involving this concept.

Differentiate

1. Rewrite this reading at a 7th-grade reading level.
2. Create supports for struggling learners.
3. Create extension activities for advanced learners.

Ag-Specific Prompts

1. Add FFA connections to this lesson.
2. Add SAE opportunities to this unit.
3. Create a CDE-style activity for this topic.
4. Create an industry guest speaker activity.
5. Create a local agriculture application.
6. Create a greenhouse/livestock/natural resources scenario.
7. Create a career exploration activity related to this content.
8. Turn this worksheet into a real-world agricultural problem.

Next Steps

Experiment with these prompts and adapt them to your specific teaching context. Share your successes and challenges with colleagues to foster a collaborative learning environment.

Increase Rigor

1. Rewrite this lesson at the Analyze level of Bloom's Taxonomy.
2. Create a problem-solving challenge using this content.
3. Create a case study requiring students to defend a recommendation.

Assessment

1. Create a performance-based assessment.
2. Create a rubric for this project.
3. Create a practical exam instead of a written exam.