

**Knox County R-I School District**  
**Programs and Services Evaluation Form**

Program: Career Education – Agriculture

Person(s) responsible: Becca Dobrinske

Number of Employees: Certified - 1

Number of students enrolled/participating in the program: high school

Program: Local  State \_\_\_\_\_ Federal \_\_\_\_\_

Goals and Objectives (Can it be measured with data?):

Goal: To deliver an effective vocational program in Agriculture Education

Objective: To focus on specified objectives to improve the effectiveness of the Agriculture Education program

1. Enrollment trends
2. Student Performance
3. Graduation Data
4. Placement and completer trends
5. Involvement of community
6. Equipment and technology available for student use
7. Increased awareness on career opportunities

Evaluation Criteria (What gauges success?):

1. Maintain or increase enrollment
2. 80% mastery of course competencies
3. 95-100% membership of eligible students
4. Ag Boosters meet minimum of twice per year
5. Secure grant money to maintain and update equipment
6. Higher agriculture career choices on one and five year surveys
7. Retain 85% of enrolled freshmen throughout their senior year

Types of data collected: (Check all areas that apply)

- Surveys of community, students, businesses
- Standardized assessments, assessment statistics
- Longitudinal performance data
- Participation or placement rates
- Financial revenues/expenditures
- External evaluations by others
- Attendance rates
- Dropout rates
- Suspension/expulsion/discipline rates
- Participation rates in co-curricular/extracurricular activities

- Special program participation rates
- College/vocational attrition rates
- College/vocational completion rates
- Student attitude and interest surveys
- other

**Procedures used to evaluate the collected data:**

Farm Bureau MOASK certification  
 Program survey completed with Advisory board  
 Surveys and communication with Ag Boosters  
 Record book evaluations by vocational teacher  
 Internal evaluations completed by teacher and administration  
 External evaluation completed by Ag Boosters, Advisory committee, and DESE/MSIP

**Who collects the data?** A+ Coordinator/Vocational coordinator, vocational agriculture teachers, counselor

**Who reports the data?** A+ Coordinator/Vocational coordinator, vocational agriculture teachers, counselor

**Who analyzes the data?** Administration, Ag Department, Advisory Committee, Ag Boosters

**Success of program based on the data (benefits):**

- Rigorous curriculum allows for students to apply real world, hands on skills that ready them for not only Agriculture related skills, but skills needed to be successful in any career field
- 69 students enrolled in Agriculture Education
- 49 students in the FFA chapter
- 1 American degree recipient in Fall- Mattie Ward
- 5 students receiving State Degree- Blake Campbell, John Clark, Esther Handzus, Kiersen Goodwin and Lilah James
- Chapter has been competitive at local, state- Livestock 5th at Districts- Esther, Lilah, Kalli, and Hailey
- Entomology -7th Lillie, Adison, Melayna and Hallie
- Ag Mechanics- John, Blake, Nathan, and Tucker-8th
- 18 students received Proficient on their MOASK testing
- 100% of students maintaining their Supervised Agriculture Experience program
- Greenhouse collaborated with elementary classes, Girls on the Move, Parents As Teachers
- Adding Greenhouse Flex students- has been very successful
- Using hydroponics to grow romaine lettuce, herbs for cafeteria- would like to expand
- Added table saw with sawstop for shop
- Middle school recruitment event for CTE month a success

**Recommended changes needed to achieve the goals and objectives of the program:**

- Continuing to use grants from DESE and industry to upkeep and maintain shop equipment
- Offering more Animal Science options in the schedule as this seems to be where the interests of the students
- Strive for more students to test and pass MOASK

**Action to be taken:**

- Continuing to apply for FV-4 money, and enhancement grants through the state to keep shop equipment, and classroom technology updated and running smoothly
- Working with counselors, and administration on courses offered to ensure the needs and interests of the students are met, plus adding any new courses that align to trends in Agriculture industry careers
- Making connections with businesses to give students more SAE opportunities. A lot of students are now living in town, still need work experience . Many taking advantage of FLEX program

**Change made in the last 2 years**

- Updated 3 welders
- Greenhouse expansion
- Hydroponic vegetables
- Mum sale
- Arts and Innovation Night

**Date presented to the Board of Education: April 15, 2025**