

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

Program: Career Education – Agriculture

Person(s) responsible: Becca Mallett

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
 - 64 students enrolled in Agriculture Education
 - 61 students in the FFA chapter-95% of students in FFA
 - 3 American degree recipients at National Convention
 - Chapter has been competitive at local, state and National
 - Dairy Foods and Dairy Cattle competed at State
 - Tanner Ellison 2nd in State in Diversified Livestock Proficiency
 - 100% of students maintaining their Supervised Agriculture Experience program (SAE)
- Awarded Grant for new Greenhouse

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 are.
- Greenhouse class for business and plant science skills
- SAE/Internship ideas

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

Change made in the last two years:

- Incubator kit for use in Ag Sci I
- 2 new MIG welders for Shop with FV 4 funds

Date presented to the Board of Education: March 26, 2019