

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

Program: Industrial Tech

Person(s) responsible: Rich Green

Number of Employees: Certified X Non-Certified _____ Full-Time 1 and Part-Time 0

Number of students enrolled/participating in the program: 51

Program: Local X State _____ Federal _____

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

1. Enrollment trends
2. Student performance
3. Small engines certifications
4. Involvement in community projects
5. Equipment and technology available for student use

Evaluation Criteria (What gauges success?):

1. Maintain or increase enrollment
2. 80% mastery rate of course competencies
3. Maintain high school dropout rate below 3%
4. Certification tests

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

- X Surveys of staff, community, students, business
- X Standardized assessments, assessment statistics
- X Longitudinal performance data
- X Participation or placement rates
- X Financial revenues/expenditures
- X Internal evaluations by staff
- X External evaluations by others
- X Attendance rates
- X Dropout rates
- X Suspension/expulsion/discipline rates
- X Participation rates in co-curricular/extracurricular activities
- X Special program participation rates
- X College/vocational attrition rates
- X College/vocational completion rates
- X Student attitude and interest surveys
- _____ other

Procedures used to evaluate the collected data:

Data evaluates quantitatively focusing on measurement and numbers for comparison and trends for example in participation number and placement/completer rates. Qualitative evaluation directs a thorough and in-depth understanding of data from the surveys and internal/external evaluations. Data is also reviewed by the joint agricultural/business advisory committee for suggestions to be made for improvement of each department.

Who collects the data A+ Coordinator/Vocational Coordinator, Vocational Business Teacher/Agriculture Teacher

Who reports the data? A+ Coordinator/Vocational Coordinator, Vocational Business Teacher/Agriculture Teacher

Who analyzes the data Administration, Business Department, Joint Agricultural/Business Vocational Advisory Committee

Success of program based on the data (benefits):

- Student certifications
- Projects completed by students
- Addition of new equipment

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

- Adjustment of yearly schedule so that more students can participate in vocational classes
- Add more solar panels to offset operating cost of new bus

Action to be taken:

- Meet with counselor and principal to arrange schedule

Changes made in the last two years:

2019-2020

- Students remodeled the elementary kitchen with new drywall, cabinets, and appliances.
- Students remodeled the baseball concession stand with new cabinets and paint.
- Students installed solar panels to offset the operating cost of the sign and flashing light.
- Addition of a CNC Mill for students in machine tool and woods class for projects
- Students built a nice dump hopper for the shop to put scrap metal in
- Student oured clow valve and vermeer mfg.
- Students built a bookshelf for the public library
- Small engines rebuilt the department show bike and the class now offers autobody and upholstery
- Built incubators for the4-H
- Rebuilt a stock trailer
- Electrical class installed LED lights in the woods shop

2020-2021

- The school bus cafe
- It's like taking the softball concession stand, showbike, solar panels, elementary kitchen and combining them.
 - small engines
 - autobody
 - electrical

- plumbing
- metal fabrication
- research and development
- working with other classes and teachers

Date presented to the Board of Education: March 16, 2021