

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

Program: ___ Technology

Person(s) responsible: Steve Blodgett, Technology Coordinator, Andy Turgeon, Superintendent

Number of Employees: Certified 1 Non-Certified 2

Number of students enrolled/participating in the program: District-wide

Program: Local X State X Federal X

Goals and Objectives (Found in Strategic Plan):

- **Goal 1:** Develop and enhance quality educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

- **Strategy 3:** The district will implement strategies and materials including technology to help students develop communication, collaborative, and problem solving skills as well as increase creativity and innovation.

- **Goal 2:** Recruit, attract, develop, and retain highly qualified staff to carry out the district's mission, goals and objectives.

- **Objective 1:** 100% of the staff will be supported through high quality professional development, to achieve a high level of student success.
- **Objective 2:** Provide professional development and support to ensure proper development, implementation and revision of curriculum that is aligned to the state standards and local district needs.
- **Objective 3:** Prepare all students for post-secondary training or productive occupations related to their education training following high school.

- **Goal 3:** Provide and maintain appropriate, functional and safe facilities.

- **Objective 1:** The district will house all programs in safe, accessible, and well maintained areas in accordance with all local, state, and federal regulations.

- **Goal 4:** Provide and maintain appropriate instructional resources, and support services.

- **Objective 1:** The district will maintain and/or increase library and updated technology to support, enhance, and enrich curriculum to inc
- **Strategy 2:** The district will continue to use technology resources in sufficient quantity and quality to support, enhance and enrich the curriculum for the improvement of student achievement.

Evaluation Criteria (What gauges success?):

- Student learning: Student achievement data from MAP, Reading Eggs, ACT, and local assessments.
- Teacher Preparation and Delivery of Instruction: Type of technology training, number of teachers participating and evidence of classroom integration and student achievement.
- Administration/Data Management/Communication: Evidence of upgrading administrative management and use of technology district-wide.
- Resource Distribution and Use: Increase in the quality and quantity of equipment, software, etc. based on age, productivity and capability.
- Technical Support: Teacher, student, community and district satisfaction with the overall services provided by the Technology Department.

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

- Surveys of staff, community, students, business
- Standardized assessments, assessment statistics
- Longitudinal performance data
- Participation or placement rates
- Financial revenues/expenditures
- Internal evaluations by staff
- External evaluations by others
- Attendance rates
- Dropout rates
- Suspension/expulsion/discipline rates
- Participation rates
- 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:

- Data is evaluated quantitatively focusing on measurement and numbers for comparison and trends for example MAP scores, usage rates, teacher

training/participation, and inventory numbers. Qualitative evaluation directs a thorough and in-depth understanding of data from the surveys and internal/external evaluations.

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Who collects the data? Administration, Testing Coordinator

Who reports the data? Administration, Testing Coordinator

Who analyzes the data? Administration

Success of program based on the data (benefits):

Progress is being made on all five goals.

- Parent communication has been greatly improved with Tyler SIS Internet access to student grades and attendance.
- Our website combines several forms of notification in one website. It allows us to post news, information and events as well as allow us to notify parents and staff of important events and school cancellations. The website works with all major platforms, Apple, Android and Windows.
- Knox County is now streaming many events on youtube.com
- More and more teachers are using Google Apps for Education as a building block for teaching. This in combination with Apple programs has created an environment where teachers and students are learning about technology by using it.
- Teachers are being encouraged to create classroom curriculum using Apple programs. Some teachers are also using social media to set up pages for their classrooms.
- Training is currently being offered as part of the iPad initiative and is also being offered individually and in small groups. Emphasis is being placed on Apple Software. Which is increasing the level of technology skills in our staff.
- We are in our 10-years of providing students with iPads that they use in their classes to receive instruction and homework. These students are allowed to take these iPads home with them at night so that they can finish homework. Now we are also allowing 3rd thru 5th grade to take the iPads home.
- Elementary PK-2 grades have been provided with iPad cabinets and enough iPads to use in each classroom. Taking technology learning all the way down to Pre School.
- The Extreme wireless network has run smoothly and we had very few problems with the wireless this year. Having dependable wireless access has helped with the Technology instruction in the classrooms.

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

- Professional development needs to continue to be developed and implemented at the classroom level. The student learning/instructional use of technology needs to focus on communication arts and reading in the areas of student achievement while continuing to enhance math and science learning.

- Improve our student information system (Grade Book) to increase communication between the school and our students and their parents..

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Action to be taken:

- The Professional Development Committee needs to continue to work in cooperation with administration to provide leadership in technology training. • As more and more equipment becomes wireless we need and have started to thin our wired network down.
- We will be installing a new student information system which will offer many features that are currently not available to us.

Changes made in the last two years:

- Even though the ECF(Emergency Communications Fund) has expired we are continuing the practice of providing Hotspots to students with no internet at home.
- Several classroom computers have been replaced as part of the computer cycle. Including new iMacs for the Journalism Department.
- New Chromebooks have been purchased to replace half of the Chromebooks in our Chromebook cart. This cart is used for testing.
- Many Apps are being purchased to help with technology in the classrooms. •
- Three interactive LED's have been installed in PreK classrooms summer 2022. Three additional interactive LED's were purchased in 2023.
- Several new switches were installed as part of e-rate. This increased our internal network to 10Gb on Fiber.
- We have upgraded our Internet bandwidth from 375 Mbs to 500 Mbs to handle increasing demands.
- Upgraded several software programs.
- In 2023 we refreshed our school website.
- We have purchased several hotspots for students to use.
- We have added Internet access to the Bus Barn, Baseball and Softball fields. • We have added Internet access to the East Parking lot and Buses.
- Install streaming Camera in High School Gym and football field.
- We have added 3 more eSports computers making the total 12 to help develop the eSport team.
- Installing new Door access system in summer of 2022

Date presented to the Board of Education: August 15th 2023