

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 (Can it be measured with data?):

In accordance with the District Technology Plan:

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

1. Objective: By the end of the 2018/2019 school year, the group of all students and students in each subgroup identified for State Standards accountability will make adequate yearly progress as reported on the DESE AYP report in Communication Arts.

2. Objective: By the end of the 2018/2019 school year, the group of all students and students in each subgroup identified will annually meet or exceed the state standards as reported on the Annual Performance Report (APR) in Mathematics.

3. Objective: District will increase the number of graduates scoring at or above the state average on the ACT to 33% or more.

4. Objective: To annually increase by 10% the percentage of students who meet technology standards literacy standards by the end of eighth grade as measured by student assessment.

5. Objective: Prepare all students for post-secondary training or productive occupation related to their education training following high school at 83% combined placement rate.

6. Objective: With an annual increase of 25% by September 2019 technology will be fully integrated into the curricula and instruction for all students.

2. Goal: Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.

1. Objective: With an annual increase of 10% by 2018/2019 all district staff will demonstrate proficiency in using technology as measured by district proficiency checklist.

2. Objective: Provide professional development opportunities to teachers and administrators to achieve a high level of academic performance for all students and to increase by 10% annually the capacity of staff to effectively integrate technology into teaching and learning to at least 80% of the staff by 2018/2019.

3. Goal: Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

1. Objective: District will maintain and/or increase library resources including technology to meet or exceed 100% of MSIP LMC standards and to support, enhance, and enrich curriculum to increase student achievement.

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

4. Goal: Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.

1. Objective: The district will provide parents and community members with opportunities to use district technology tools and resources to improve communication, to enhance student achievement and to meet the continuing education needs of the community.

5. Goal: Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district.

1. Objective: Annually the district will identify and allocate adequate funds for acquiring software and hardware to support quality educational programs and services and provide teachers and students access to educational technology at rates comparable to state averages.

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
- Standardized assessments
- Longitudinal

- Participation rates
- Financial revenues/expenditures
- Internal evaluations by staff
- External evaluations by others
- 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:

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.

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 will be greatly improved with Tyler SIS Internet access to student grades and attendance.
- Our new website allows 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.
- Tyler SIS is now providing us with a Knox County web site portal which will work on iPads, Laptops, PC's and Android devices. This portal provides access to teachers, parents and students alike to do everything from checking grades to checking lunch balances and more.
- More and more teachers are using Google Apps for Education as a building block for teaching. This in combination with iTunes U and other 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 on our 6th year of providing High School and Middle School 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.
- Elementary classes have been provided with iPad carts and enough iPads to use in each classroom. Taking the technology learning all the way down to Pre-School.
- The Aerohive wireless network has ran 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.
- Some of the technology used in our classrooms is state of the art but we still have equipment that is either becoming outdated and needs to be updated. This equipment consists of old Smartboards and projectors as well as scanners, printers, and overheads. Some emphasis in our goals has been shifted to maintaining said equipment and keeping our equipment and software current for students and teachers.
- We are replacing Smartboards and projectors with interactive TV's which have a longer life and fewer problems. We estimate we will be done replacing Smartboards and grade level classroom projectors in 2022.

Action to be taken:

- 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 to start thinning our wired network down. Some of our summer work consists of removing old wiring and replacing some of the wiring in the ceiling. And rewiring what we have to be more efficient.
- Refreshing the battery backups is taking place in the summer of 2019 as we have received grant money to replace them.
- We will be working on the intercom system this summer.

Changes made in the last two years:

- Mrs. Jennifer Orton is adding more Apple training for teachers to coordinate the instruction and training on the iPads. Mrs Barnhill will be picking up this program starting summer 2019
- Several classroom computers have been replaced as part of the computer cycle. 10 new Apple MacBook Airs have been added in 2019.
- Artroom is getting 9 new MacMini Computers for 2019.
- The Middle School Computer Lab has been replaced with a cart of 20 Chrombooks and 6 Chrombox's.
- Laptops are available for independent study students to use while they are at school.
- In 2019/2020 all the iPad 2's Airs will be replaced with ipad 6th Gen. This is due to obsolescence.
- Many Apps are being purchased to help with technology in the classrooms.
- Three interactive LED's replaced three smartboard in 2018. This year in 2019 we will be adding 3 more interactive LED's in classrooms in the elementary and 3 - 65 inch LEDs hooked up with Apple TV's in the High School and Middle School.
- The infrastructure of our network has been updated to meet the demands for increased bandwidth for internet and data transfer.
- Changes have been made to the content filtering we are now using a program called Securly which does a better job of monitoring students for risk as well as content filtering.
- Office 2019 software has been purchased for the whole school with plans of installing it on all computers this summer. The license agreement worked out with Microsoft also allows us to put the most up to date Office on school and staff home computers. This software works on Apples as well as Windows computers and is the industry standard for business.
- Upgraded several software programs and retired 2 servers.
- In 2018 we have installed the new website from Apptegy which allows us many new features in communication.
- Apptegy has replaced SchoolMessenger for telephone notifications.
- Inventory Program was purchased to keep track of Technology inventory as well as sports and band.

Date presented to the Board of Education: July, 16 2019