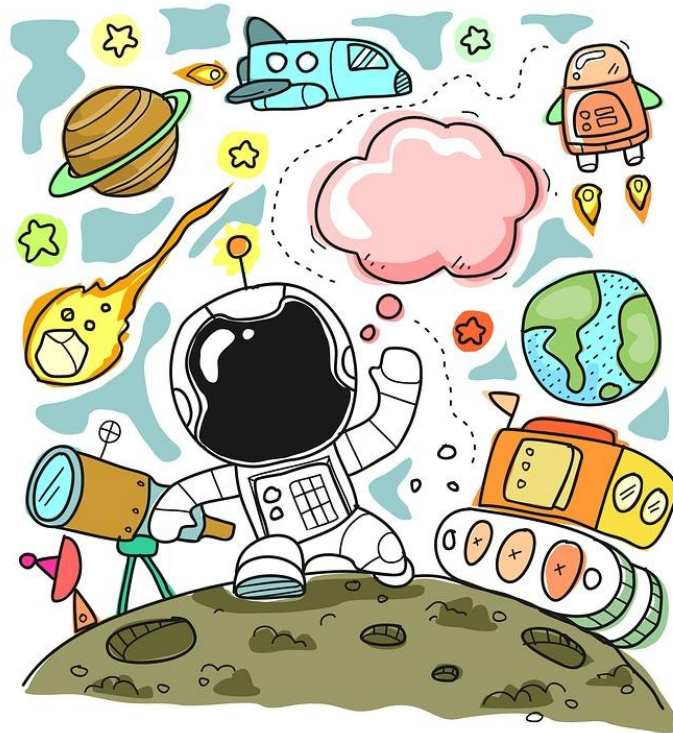


Edinburg Common School Computer Technology Plan



One-Year Plan 2022-2023

Eagles Inspiring Growth & Nurturing Innovation Through
Exploration

Board of Trustees Approved:	Technology Committee:
April 8, 2008	Thomas E. Moore Jr., Chairperson
Updated:	Kathryn Matthews, Pre-Kindergarten
July 12, 2011	Julie Hampton - Math
July 1, 2014	Wendy Ferguson- CSEA/LTA
August 9, 2017	Meaghan Cherry, School Secretary
June 10, 2019	Eric Dame, Parent Liaison
February 11, 2020	Angela Ludwig, Board Liaison
November 10, 2020	
April 12, 2022	

Table of Contents

Introduction.....	2
Mission Statement.....	3
District Goals & Objectives.....	3
Timeline.....	5
Technology Expansion.....	6
Staff Development.....	6
Evaluation.....	7
Funding.....	7

Introduction

Since the development of the Edinburg Common School Technology Plan in 1995 many goals have been accomplished. However, there is a continued need for the technology plan to be updated to support learning opportunities for the district.

The Edinburg Common School District Technology Plan will be used to develop and implement technology acquisition and use directly affecting PreKindergarten – 6 grade students, teachers, administrators, and parents. It establishes goals for students, teachers and other educational professionals, school administrators, prospective teachers, and parents to help meet the standards set by the New York State Department of Education.

Vision

High quality learning technologies will be available in all classrooms. Learning technologies will be widely and equitably used to support the education of students, teachers, administrators, parents and the community in helping all students to achieve New York State learning standards.

Educational technology applications will increase student involvement and improve student achievement by providing access to technology that allows them to analyze information, solve problems, collaborate with others, and communicate their thoughts and ideas. Effective use of learning technologies will allow students to become self-directed, self-motivated, and lifelong learners.

Teachers will increasingly be facilitators of student learning through proficient use of learning technologies. All teachers will receive, job embedded, ongoing professional development in integrating technology into their curriculum and instruction. Teachers will incorporate resources in their teaching strategies to address multiple learning styles, to motivate, engage, and support student exploration and growth.

Learning technologies will be available to all teachers to support their own professional development and learning. Resources for teachers, available at anytime and any place, will include:

- Samples of effective curricula and lesson plans aligned with New York State Next Generation Learning Standards, shifts, and Common Core Standards;
- Samples of student work and assessments;
- Opportunities to engage in dialogue and virtual mentoring relationships with colleagues both in and out of district;
- Web based applications that allow teachers and administrators to build relationships with parents and communities; and
- Management tools that expedite administrative tasks, freeing up more time for direct student interaction.

Mission

The Mission of Edinburg Common School is to provide students with the technological resources needed to establish an innovative learning community that inspires, engages, and empowers students to become lifelong learners and productive global citizens.

I. Goals and Objectives

In order to meet the goals of this Technology Plan, measurable objectives have been established. This section of the plan specifies these objectives.

Goal 1: Every student will have the opportunity to use learning technologies to access and analyze information in ways that develop higher order thinking skills, increase problem solving skills, and support their confidence in using technology skills needed for success now and in their future studies.

Objective 1.1: The Edinburg Common School District will equitably allocate fiscal, staff and professional development resources to ensure that the acquisition, maintenance, and use of

high quality learning technologies support all students in achieving New York State technology standards.

Timeline: Ongoing

Goal 2 : Every teacher and prospective teacher will work to gain technology competencies needed to effectively use technology in supporting student achievement of the New York State Common Core Learning Standards and Next Generation Learning Standards.

Objective 2.1: The Edinburg Common School District will allocate professional development resources to ensure that all teachers are adequately supported with the resources and skills they need to confidently integrate technology into their curriculum and instruction.

Timeline: Ongoing

Goal 3 . Every administrator and prospective administrator will be technologically literate; will provide leadership in integrating technology into curricula, instruction, and student learning activities; and will have access to technological resources that support them in developing management systems and in creating a school climate and culture that results in high student achievement for all population groups. Such resources include but are not limited to; StaffTrac, Planbook, and Schooltool.

Objective 3.1: The Edinburg Common School District will allocate sufficient professional development resources to ensure that all administrators and teachers are adequately supported with the resources and skills they need to confidently integrate high quality learning technologies into curriculum and instruction.

Timeline: Ongoing

Goal 4 : In order to support parents in monitoring and reinforcing the instruction their child receives at school, parents will have access to one or more of the following: web based information about their children's learning environment, climate, and outcomes, as well as a wide range of student activities that can help parents assist their children at home. (Planbook, SeeSaw, Raz-Kids, Remind, iReady, IXL, Google Classroom, etc.) The goal will be for all parents to participate in one or more of these programs based on individual grade levels.

Objective 4.1: The Edinburg Common School District will engage parents through the development of electronic school parent community communications mechanisms (i.e. email, Remind, Facebook, school website).

Timeline: Ongoing

Goal 5 : The Edinburg Common School District will develop, implement, and evaluate a plan for technology uses that support the New York State Learning Standards, including those for technology literacy, by all students, teachers, and other education professionals and include Federally mandated protection from inappropriate materials.

Objective 5.1: The Edinburg Common School will collaborate with BOCES to ensure that district technology plans are consistent with the Northeastern Regional Information Center (NERIC) Chapter 793 plans.

Objective 5.2: Students will be provided access to technology for the purposes of students' learning opportunities.

Objective 5.3: Professional development in integrating technologies into curriculum and instruction will be high quality, intensive and sustained.

Objective 5.4: District technology plans will have in place a policy of Internet safety for minors that includes the operation of a technology protection measure for any of its computers with Internet access that protects against access to visual depictions that are obscene, child pornography, or harmful to minors; and will ensure that such technology protection is enforced during any use of computers by minors. Further, similar protection against visual depictions that are obscene, or child pornography, must be ensured for such computers even when used by adults.

Timeline: Ongoing

Goal 6 : The Edinburg Common School will implement the plan for the 2015 - 2016 School Bond Act grant allocation. The district will update all current access points, POE switches, firewall, UPS, and purchase a server for student data backup. Additionally, the district will install IWB panels, 3D printers, filament, Chromebooks, iPads, as well as all necessary mounts and wiring. This will greatly increase our

connectivity, classroom integration across the curriculum and one to one initiative.

Timeline: Scheduled to be completed by the end of the 2019-2020 school year. (Due to the Covid-19 pandemic the timeline is scheduled to be completed by the end of the 2022-2023 school year.)

Goal 7: The Edinburg Common School will seek ongoing input, feedback, and assistance from representatives of all the educational community to collaboratively develop, implement, evaluate, and revise the educational technology plan for the district, to continue to build educational technology capacity, and to ensure the most relevant and highest possible quality of support for all members of the teaching and learning community.

Timeline: Ongoing

Goal 8: The Edinburg Common School shall take steps to minimize its collection, processing and transmission of PII (Personal Identifiable Information) in accordance with the Ed Law 2d.

Objective 8.1: Edinburg Common School shall not sell PII nor use or disclose it for any marketing or commercial purpose or facilitate its use or disclosure by any other party for any marketing or commercial purpose or permit another party to do so.

Objective 8.2: Edinburg Common School shall ensure it has provisions in contracts with 3rd Party Contractors or in separate data sharing and confidentiality agreements that require the confidentiality of shared student data or teacher or superintendent data be maintained in accordance with federal and state law and the educational agency's data security and privacy policy.

Objective 8.3: Ensure that Third Party Contractors have Data Security and Privacy Plans which address required elements and incorporate such Plan into contract.

Objective 8.4: [Incorporate Parents Bill of Rights/Supplemental Assurances into Agreement.](#)

Timeline for Hardware

2014 - 2015

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2015 - 2016

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2016 - 2017

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2017 - 2018

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2018 - 2019

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2019-2020

Replacement: 10 - 15% of computers in the district
Upgrades Hardware & Software: \$ 9,000

2020-2021

Replacement and Repair: Upgrades to all Hardware, Software, and any and all peripherals: \$10,500

2021-2022

Replacement and Repair: Upgrades to all Hardware, Software, and any and all peripherals: \$11,500

2022-2023

Replacement and Repair: Upgrades to all Hardware, Software, and any and all peripherals: \$12,500

II. Strategy for District Expansion of Technology Capabilities

- a. Purchase additional hardware, as needed, to create and maintain a network that permits implementation of all goals contained within the plan.
- b. Ongoing purchase of technology related instructional equipment to enhance instruction.
- c. Ongoing modernization of the library/media center and creation of an audio video classroom to develop functional technology instructional resources.
- d. Investigate any schoolwide education programs to be used in the district (i.e. IReady).
- e. The IT Network Manager within the district will monitor computers, networks, hardware, and software used throughout the building including usage, repairs, and replacements.
- f. Upgrade existing hardware and software.

III. Staff Development Related to the District

Technology Course of Study (These training sessions will occur during regular half-day professional development sections.)

- a. Develop multiple computer training sessions each year to build computer knowledge and skill aligned to district curricula and technology including but not limited to software, STEMscopes, Google Classroom, Data Analysis tools, Cleartouch Resources, Computer based testing, IReady, Robotics, Sora etc... Use of audiovisual equipment for recording and self evaluating teaching (and student) abilities as well as for student use as well.
- b. Modeling the integration of technology and STEM curriculum development and sharing.

IV. Evaluation

- a. Monitor and observe the technology plan by the Technology Committee, IT Network Manager, and Administration.
- b. Monitor the effectiveness of the staff training sessions by the Superintendent (i.e. Staff Survey).
- c. Monitor the effectiveness of technology use in achieving instructional goals by the Superintendent.
- d. Modify the technology plan and related policies, as necessary, to meet the needs of both the educational community and the community at large by the Technology Committee.

V. Funding

- a. Funds provided by the district – The District will plan annual funds for replacement, repair, upgrades to all hardware, software, and any and all other peripherals.
- b. State and Federal Funds – Grants that are secured by the district for the development of technology. Such grants include but are not limited to; IDEA 619, IDEA 611, Title IV Part A, and REAP.

Plan Review:

Plan review will occur on a yearly basis. Updates will be made in accordance to the New York State Common Core Learning Standards, Next Generation Learning Standards and NYSED content.