

Henderson ISD Technology Plan for 2026-2029

DISTRICT PROFILE

ESC Region: 7

City, State Zip: Henderson, TX 75652

Phone: 903-655-5000

Fax: 903-657-9271

Number of Campuses: 5

Total Student Enrollment: 3160

Percent Econ. Disadvantaged: 68%

Number of Campuses with High-Speed Broadband Internet Access: 5

Percentage of Campuses with High-Speed Broadband Internet Access: 100.00%

Percentage of Classrooms with High-Speed Broadband Internet Access: 100.00%

Computer/Student Ratio: 1 device for each student

Computer/Teacher Ratio: 1 device for each teacher

Annual Technology Expenditures: \$623,176

- Goal 1: Staff Utilization of Tech for Student Needs - \$192,630
- Goal 2: Professional Development - \$25,843
- Goal 3: Collaborative Decision Making - \$31,018
- Goal 4: Infrastructure - \$238,841
- Goal 5: Safety & Security - \$134,844

PLAN INTRODUCTION

Technology Planning Committee:

Kevin Bryan-Director of Technology, Dea Henry-Assistant Superintendent of Curriculum & Instruction, Mindy Rucker-

Assessment & Data Coordinator, Gray Young-Network Manager, Liana Kirk-G/T Coordinator, Lauren Kirk-HMS teacher, Yvonne Clark-HHS technology specialist, Courtney Glaser-HHS teacher, Regina Sugg-Emergent Bilingual Coordinator, Mollie Bryan-NIS & HMS teacher, Ashley Marcs-WES teacher, Lauren Weaver-WPS teacher, Yulanda Wall-MAC teacher, Alaina Gearheart-HMS Parent & Campus Technology Specialist, Chayse Gearheart-HMS student

EXECUTIVE SUMMARY

This three-year plan will serve as a map to provide guidance as Henderson ISD strives to meet the demands of teaching and learning with technology now and in the future. Technology is an integral part of each student's education, and the district's strategic planning reflects that fact. The district realizes that if students are to be successful now and in the future, they must be provided opportunities to develop the necessary skills to use technology to reach educational goals and to transition easily into a post-secondary education or to the world of work. This plan is based on the strategic goals in technology as defined in TEA's Long-Range Plan for Technology:

Personalized, Flexible, Empowered Learning	Equitable Access	Digital Citizenship	Safety & Security	Collaborative Leadership	Reliable Infrastructure
PFEL	EA	DC	SS	CL	RI
Adaptive and individualized learning based on student needs and abilities	Fair and equal opportunities for all students to take full advantage of their education	Responsible, safe, respectful, and legal use of technology	Environment free of physical, emotional, and digital harm or risk	Consensus-oriented decision making by multiple stakeholders to achieve shared goals	Available, trusted technology components to support organizational goals

The use of technology in our district must be driven by these strategic goals and must empower learners of all ages to reach their highest potential. Technology must facilitate more efficient use of time and energy. Technology must be purchased and utilized in the most cost-effective way. This plan represents our district's goals and objectives.

NEEDS ASSESSMENT

Assessment Process: The technology committee meets periodically to ensure the formative evaluation of progress toward goals set by the district's technology plan. Staff surveys, parent surveys, student surveys, training records, and the evaluation of those training sessions, student achievement records, community input through various means- both formal and informal- are all utilized to inform the committee in its planning process.

Existing Conditions:

Staffing

- A. The technology department consists of the director, a network manager, a student information system specialist, a hardware technician, and a technology specialist on each campus.
- B. A full-time director of technology guides the district's efforts in securing the necessary network infrastructure as well as hardware and software necessary to make the district's vision a reality. The director also works with district leaders, campus technology specialists, teachers, parents, and students to ensure that progress is being made towards meeting the district's technology objectives and goals.
- C. A full-time professional district network manager monitors and troubleshoots the district's data networks and servers. This staff member has other responsibilities, including the district's email system, phone systems, and security systems.
- D. The student information system specialist maintains, configures, and troubleshoots the district's school information system. This staff member also assists staff and parents with SIS issues and helps to coordinate the safe sharing of user data with third-party vendors.
- E. The district hardware technician configures, repairs, supports, and maintains an inventory of all the district's end-user hardware.
- F. The campus technology specialists provide immediate technology support for teachers with the use of hardware and software and support teachers with the integration of technology into curricula. They also provide tech support for campus administrators, office, and auxiliary staff as well as students; they are supported directly by technology staff.

Network Infrastructure

Existing campuses are a part of an internal network and connect to the district-wide network. The district-wide network backbone consists of 1,000 Mbps circuits over single-mode fiber. This provides the bandwidth needed for each of the schools and allows for future upgrades to the district-wide network as new technologies become available.

Internet Connectivity and Services

The district is a part of SUPERNet's 100Gb fiber ring and currently has 1Gb fiber optic circuits to Etext plants in both Tyler and Longview. In those locations, the district has 10Gb connections to SUPERNet. Internet service on the Tyler portion of the ring is provided by Conterra and by Etext on the Longview side. Having these dual connections provides redundancy for the district's Internet service.

Servers

The technology department currently operates and maintains both physical and virtual servers. Virtual servers provide file services, print services, software updates, and desktop management. The district maintains a physical server dedicated to the Skyward school information system and a server for child nutrition services.

Replacement Cycle/Minimum System Requirements

The district does its best to replace student devices after five years of use and staff hardware after seven years of use. The district also adopts minimum hardware requirements for desktop computers, laptops, and servers, and these requirements are reviewed and modified periodically by technology department staff.

Training

The district employs staff members who deliver professional development. This staff development is focused on improving instruction, learning, safety, and productivity. The district's director of technology provides in-person training and develops shared resources for users that support their use of technology for a variety of tasks. District and campus technology staff


also assist with helping staff members with the technology skills necessary to perform their duties. Training is also provided through various sources from outside the district, including vendors from whom the district purchases products and services.

Technology Needs

The district's technology committee has identified the following needs to address over the next three years:


- Maintain highly reliable Wi-Fi/Internet access throughout the district for all devices;
- Provide professional development for all staff with an emphasis on in-person and video training;
- Provide timely technical support for staff and students for all hardware and software;
- Utilize technology to inform parents and community members about all campus and district events;
- Focus on ease-of-use when purchasing and implementing technology solutions for students, staff, and parents;
- Continue 1:1 device initiatives at all campuses so that all students have access to a device for learning;
- Purchase and deploy replacement hardware for staff that meets the highest possible performance standards;
- Train all students to avoid the inappropriate and unethical use of technology and to deal appropriately with cyberbullying;
- Provide cyber safety training for all staff members and utilize a wide variety of methods to protect the district's data and assets from threats;
- Place a priority on using technology to transform learning, not just to replace activities formerly done with pen and paper.

GOALS & OBJECTIVES


 Goal 1	Staff members will utilize the district's technology resources to understand and meet the diverse needs of all students.
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Objectives	Person(s) responsible	Timeline	Evidence	LRPT Correlates
1.1 - All teachers will integrate appropriate grade-level technology applications TEKS into their subject area instruction.	Assistant Superintendent of Curriculum & Instruction, principals, teachers	August - May	Lesson plans	PFEL, DC
1.2 - All students in grades PreK-8 will be provided a device to use for learning while on campus	Director of Technology, campus technology specialists	August - May	Inventory records	PFEL, EA
1.3 - All students in grades 9-12 will be provided with a device to use for learning while both on and off campus	Director of Technology, campus technology specialists	August - May	Inventory records	PFEL, EA
1.4 - All students in grades K-8 will have the opportunity to participate in technology applications courses	Principals, technology applications teachers	August - May	Schedules, lesson plans, Learning.com curriculum resources	PFEL, EA, DC
1.5 - All students will be provided with a variety of applications to use for productivity	District technology staff, campus technology specialist	August - July	Account & usage data from Microsoft 365, Google Workspace for Education, Canva, and other productivity tools	PFEL, EA
1.6 - All students will be provided with opportunities to utilize technology as a tool for learning, discovery, and collaboration	Technology director, campus technology specialists, principals, classroom teachers	August - May	Lesson plans, student products, usage reports	PFEL, EA
1.7 - All students will be provided with the appropriate digital materials for their courses of study, including adopted digital textbooks	Assistant Superintendent of Curriculum & Instruction, assessment and data coordinator, district technology staff	August - May	Purchasing records, ClassLink Analytics	PFEL, EA


1.8 - All instructional staff will utilize technology resources to track student progress towards mastery of all learning standards	Assistant Superintendent of Curriculum & Instruction, testing coordinator, principals, teachers	August - July	Data from DMAC, MAP testing, and other assessments	PFEL
1.9 - All school libraries will have the latest technologies for online research and for managing circulation	District technology staff, campus technology specialists, librarians	August - July	Equipment inventory, Destiny circulation records, subscriptions to online databases such as TexQuest	PFEL, RI
1.10 - All high school students will have the opportunity to complete online coursework to supplement in-person offerings	Principals, counselors, CATE director, technology director	August - July	SUPERNet Virtual High School enrollment records, dual credit records	PFEL, EA
1.11 - The district will provide a user-friendly learning management system for teachers to create instructional materials, assignments, and assessments and for students to use both in-person and remotely.	Director of Technology	August - July	Reports from Canvas LMS, contracts, purchase orders	PFEL, EA

 Goal 2					All staff will receive professional development to learn to better utilize technology as a teaching, learning, assessment, and productivity tool.				
Objectives	Person(s) responsible		Timeline	Evidence	LRPT Correlates				
2.1 - District and campus technology staff members will train staff to utilize district technology resources for teaching, learning,	District & campus technology staff, Assistant Superintendent of Curriculum & Instruction, principals		August - July	Training calendars/materials, sign-in sheets	PFEL, CL				

and productivity.				
2.2 - District and campus technology staff members will provide online professional development resources for teachers and staff.	District & campus technology staff, Assistant Superintendent of Curriculum & Instruction, principals	August - July	Collection of web-based resources including how-to videos	CL
2.3 - District technology/curriculum staff will provide a repository of useful information that students, and parents can access 24/7	District & campus technology staff	August - July	Collection of web-based resources including how-to videos	PFEL, EA, CL
2.4 - All new staff members will receive specialized technology training during new staff orientation.	District & campus technology staff, campus story tellers	July-August	Calendars, agendas, materials, sign-in sheets	CL
2.5 - All district staff members will receive technology training geared toward their job responsibilities.	District & campus technology staff, campus specialists, vendor training resources	August-July	Calendars, agendas, sign-in sheets, training materials	CL, SS


 Goal 3				
The district will utilize collaborative teams to make decisions about technology policies, products, and purchases to benefit all stakeholders.				
Objectives	Person(s) responsible	Timeline	Evidence	LRPT Correlates
3.1 - The district's technology team will meet once per month to share information and to discuss current issues and solutions.	Director of Technology, campus technology specialists	August - May	Meeting agendas and notes	DC, CL
3.2 - The district's technology	Director of Technology,	August - May	Meeting agendas and notes,	CL

committee meets periodically to discuss the technology plan and to adjust goals and strategies	representatives from each campus		board meeting minutes	
3.3 - The district's curriculum and instruction team meets periodically to share information and to make informed decisions about the use of technology resources for instructional needs.	Assistant Superintendent of Curriculum & Instruction, C&I team members	August - July	Planning calendar, agendas, and notes	CL
3.4 - The district will share information with all stakeholders using a variety of delivery methods.	Director of Communications, campus storytellers	August - July	Meeting agendas, website posts, Skyward & Rooms messages, and social media posts	CL

 Goal 4					District technology staff will evaluate, update, and maintain infrastructure to ensure maximum uptime and to ensure that all resources are secure.				
Objectives		Person(s) responsible		Timeline		Evidence		LRPT Correlates	
4.1 - Apply for and utilize awarded federal E-rate funds to maintain and improve network infrastructure		Director of Technology		October - February		Completed E-rate Forms, board minutes, quarterly disbursement reports		RI	
4.2 - Maximize resources and minimize costs through participation in the SUPERNet consortium's shared services arrangement		Superintendent, Director of Technology, Chief Financial Officer		August - July		Financial records, SUPERNet meeting agendas		RI, CL	
4.3 - Maintain technology		Director of Technology,		August - July		Purchasing information,		RI	

equipment ratio of 1:1 for all staff	district hardware specialist, campus technology specialists		board minutes, hardware inventories	
4.4 - Maintain technology equipment ratio of 1:1 for all students	Director of Technology, district hardware specialist, campus technology specialists	August - May	Purchasing information, board minutes, hardware inventories	RI, EA
4.5 - Develop and follow plans to replace and recycle obsolete equipment	Director of Technology, district hardware specialist, campus technology specialists	August - July	Device replacement plans, hardware inventories	RI
4.6 - Maintain adequate and reliable high speed Internet access for all students and staff at district facilities	Director of Technology, network manager, chief financial officer	August - July	Network performance data, system logs	RI, EA
4.7 - Provide and maintain a variety of ways for district staff members to communicate information to all stakeholders	Director of Technology, network manager, communications director	August - July	District website, social media accounts, district email, Skyward Family Access, district communications app	RI
4.8 - Maintain rapid technical assistance and support for all district stakeholders	Director of Technology, district technology staff, campus technology staff	August - July	Support ticket reports	RI
4.9 - Provide high-quality, reliable wireless network access at all district facilities for all stakeholders	Director of Technology, network manager	August - July	System logs from WAP management portal, support ticket reports, stakeholder surveys	RI, EA
4.10- Equip school libraries with the latest technologies for managing circulation, for performing online	District technology staff, campus technology specialists, librarians	August - July	Equipment inventory, circulation records, subscriptions to online	PFEL, RI

research, and for supporting classroom activities.			databases like TexQuest	
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 Goal 5					The district will provide technology resources that are safe and secure for use and will provide training to ensure that all stakeholders know how to recognize and avoid digital threats.
Objectives	Person(s) responsible	Timeline	Evidence	LRPT Correlates	
5.1 - Educate students in grades K-8 in the appropriate use of technology through the cybersafety and digital citizenship lessons.	Technology applications teachers	August - May	Lesson plans, Learning.com curriculum & reports, district Cybersafety for Students course	DC, SS	
5.2 - Require students in grades 9-12 to complete a cybersafety course in which they will learn about protecting their privacy, digital threats, information literacy, and cyberbullying.	Director of Technology, HHS campus technology specialist, HHS principals & teachers	August - May	Cybersafety Course via Canvas LMS	DC, SS	
5.3 - Require all district staff to complete “Cybersafety for Educators” training every 12 months	HR Director, Director of Technology	August - July	EduHero course completion records	SS	
5.4 - Utilize a content filter to control what users can access both on campus and off campus when using district-issued devices	Director of Technology, campus technology specialists	August - July	Linewize content filter subscription and usage reports	SS	
5.5 - Utilize a content filter to monitor student behavior that	Director of Technology, campus technology	August – July	Linewize Monitor subscription and event alerts	SS	

might indicate self-harm or other dangerous activity.	specialists, campus principals and counselors			
5.6 - Share student information with third-party vendors in the most secure ways possible.	Director of Technology, student information system specialist	August - July	Skyward export reports, ClassLink Roster Server configuration	SS
5.7 - Employ a variety of hardware solutions to protect the district's users and data from external threats.	Director of Technology, network manager	August - July	System logs, reports, purchase orders, subscription renewals	SS
5.8 - Review and follow the district's technology incident response plan so that, when security incidents occur, staff can respond to quickly restore the affected systems.	Director of Technology, network manager, district and campus technology staff	August - July	Technology Incident Response Plan	SS, RI

EVALUATION

Evaluation Process:

The district will use the following qualitative and quantitative measures to evaluate and update the plan on an annual basis through the technology committee.

Evaluation Methods:

Qualitative:

- Teacher lesson plans
- Student work that demonstrates use of technology skills
- Teacher notes, logs, and other planning documents from team meetings

- Specific strategies involving technology within campus and district plans
- Teacher observations of student interest in lessons involving the use of technology
- Teacher surveys regarding technology
- Evidence of technology utilization in campus and district plans
- Technology Team meeting agendas and notes
- Technology Committee meeting minutes
- Student and parent surveys

Quantitative:

- Administrator evaluations of technology integration via the T-TESS instrument and walkthroughs
- Data from work order ticketing system
- Logs showing uptime of both WAN and LAN
- Analytics data showing use of learning applications
- Assessment and reporting data showing student technology proficiencies
- Number of days per week teachers include student use of technology in their lesson plans
- Number of principals trained in data-driven decision-making and in evaluating effectiveness of teachers' integration of technology
- Number of resources created and shared via Google Drive, Microsoft OneDrive, and other collaboration applications
- Analytics data from Canvas LMS
- Data reports from assessment systems like DMAC
- SUPERNet Virtual High School enrollment records
- Grades and performance of students in virtual courses
- Utilization reports from Thrillshare website, social media, and communication tools
- Report cards and attendance records
- Incident IQ (district work order system) reports
- Attendance records from parent trainings/orientations
- Records of participation in SUPERNet consortium shared services arrangement

- Technology inventory and hardware replacement records
- Records showing administrators' attendance at technology-related workshops
- Records showing teachers' attendance at technology trainings

APPENDIX

Attachment item A: District Technology Resources Site

<http://www.hendersonisd.net>

Attachment item B: TEA's Long-Range Plan for Technology Resource Center

<https://tea.texas.gov/academics/learning-support-and-programs/technology-planning/long-range-plan-for-technology>

Attachment item C: District Technology Documents

<https://www.hendersonisd.org/browse/118964>