HILLSBORO ISD TECHNOLOGY PLAN 2020-2024

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INTRODUCTION LETTER

Dear HISD Stakeholders,

Hillsboro ISD's Portrait of a Learner champions that each child will be provided ample opportunities to become proficient creators, communicators, collaborators and critical thinkers. Through learner-centered and supportive learning environments nurtured by talented staff, we believe that students can reach their potential in these areas. To provide this rich experience for our students, technology must be an integral part of these learning environments to ensure that students are engaged and prepared for future careers and academic endeavors.

For the past several years, Hillsboro ISD has financially supported staff and student technological needs. With these resources, we have provided devices and programs to enrich student learning and equip them to be successful in today's ever changing, global society. The importance of providing access to innovative technology is summarized here:

- Assists staff with creating learning environments that are authentic and participatory;
- Inspires our students to be creators/innovators, communicators, collaborators and to think critically;
- Provides access to resources and expertise on a world-wide scale;
- Provides equitable learning opportunities for all children;
- Increases the desire to learn and be engaged while advancing academic growth and assisting students and parents with monitoring that growth.

The following technology plan serves as a guide for Hillsboro ISD staff, students, parents and community to redefine how content is accessed, consumed, and applied by our students. It also provides a framework for digital citizenship including the safety and security of our staff and students. Technology is not to take the place of great instruction within the classroom, but rather serve as a supplement to what is already occurring. As learned from the COVID-19 pandemic, classroom teachers cannot be replaced, but technology can provide more opportunities to enrich our students' learning. Additionally as the shut down of schools necessitated moving to remote learning, we saw the importance of equity of access for both HISD employees and our children. If utilized correctly, technology can assist in ensuring that our students are career, college and military ready. Hillsboro ISD's Mission Statement, "Preparing Today's Students for Tomorrow's World", very clearly supports the goal of this plan.

Vicki Adams

Vicki Adams

Hillsboro ISD Superintendent

EXECUTIVE SUMMARY

The 2020-2024 Hillsboro ISD Technology Plan was written and agreed upon by members of the Technology Plan Committee. Representatives from each campus and various departments serve on the committee. The planning process was designed to include a variety of perspectives, ideas, and experiences. The 2020-24 plan is designed to align with the district strategic plan while addressing areas specific to reliable infrastructure, safety and security, digital citizenship, personalized, flexible and empowered learning, equitable access, and collaborative leadership. These areas provide a road map for the district to: provide advancing infrastructure solutions that can scale with user demands; enhance a safe learning environment through improved district data security, physical security, and staff practices; create responsible digital citizens in and out of school; create a learning environment that promotes personalization through adaptive technologies; is student-centered, and promotes the 4 Cs; provide skills, devices, digital instructional resources and connectivity where all staff and students can fully participate; set priorities and assure stakeholders are working toward common goals. This plan attempts to lay a foundation for future advancement in the use of integrated technologies.

Because the plan continues to move the district in significantly new directions, the district felt it would be wise to write a four-year plan. The plan identifies technology resources that should be available to all stakeholders as well as the support for those technologies. It focuses on technology integration in the classroom and technology proficiency standards for students and staff. The planning process resulted in numerous discussions, each one further defining the aspirations of the district, and therefore the plan.

EXISTING CONDITIONS

In development of the technology plan it is important to understand the existing conditions in both the instructional and technical departments. The technology department is currently led by the Director of Technology. The Hillsboro ISD Technology Department is responsible for the installation, maintenance, and support of the technical systems that provide the information technology infrastructure of the district. They also manage the wide area network including the data center, core routers, switches, firewall, web filtering, and high speed wide area network fiber connections that link district sites to the centralized data center. The Technology Department also manages the district's wireless network. The network and infrastructure areas concentrate on the wired and wireless communication networks, servers, data storage, back-up and recovery, e-mail system, camera system, cabling, and phone system. The technical service area focuses on the installation and support of the computers, Chromebooks, laptops, iPads, printers, phones, software, and other technology related items that are provided to the staff and students in the district.

The Instructional Technology Department led by the Director of Instructional Technology, serves the digital learning needs of the staff and students. Instructional Technology reviews and supports resources while researching and implementing new ideas for effective use of technology in the classroom. Additionally, this department provides professional development and works with curriculum directors and administrators to assist digital learning planning on campus. The instructional technology department also deploys personalized learning resources through a single-sign on platform, which is dependent upon accurate student data.

The student information services personnel is led by the district Information Services Coordinator/PEIMS Coordinator. The coordinator remains current on state and federal reporting requirements as it relates to student data. The Information Services Coordinator and campus student information teams are responsible for the accuracy of the student information system which feeds data into online systems used in the offices and rostered classroom digital resources.

A large portion of both the instructional and technology team's time and effort is spent supporting technology and its use as a teaching and learning tool district wide.

The following bulleted areas are Hillsboro ISD's Existing Conditions:

Infrastructure

- Bandwidth
    - 1 Gbps wired and wireless high speed internet access across all campuses for nearly 2000 students
- Wide Area Network (WAN)
    - Leased fiber connects campuses to Hillsboro Junior High School at a rate of 10 Gbps
        - Franklin Elementary School
        - Hillsboro Elementary School
        - Hillsboro Intermediate School
        - Hillsboro High School
    - District-owned fiber running at 1 Gbps connects
        - Administration office
        - Network Operation Center (NOC)
- Wireless Access
    - Cisco wireless access points for Internet access
- Network Access
    - Google Authentication for students
    - Virtualized Windows 2012 Active Directory Servers for staff
        - Accessing files
        - Logging in to network
        - Handling DHCP and DNS queries
- Security
    - Securly Web Filtering to comply with Children's Internet Protection Act (CIPA) regulations
        - Nightly system backup with System Five and stored offsite
    - Firewall- Cisco ASA and FirePower
- Phone System
    - Cisco Call Manager used to route all calls in and out of the district
        - Voice Over Internet Protocol (VOIP) system

Classroom Technology Profile

- Student Hardware
    - BRinging Internet and Devices for a Global Education (BRIDGE)
        - Hillsboro High School (9-12) 1:1 Chromebook and internet hotspot lending program
        - Device purchase option for graduating seniors
    - Classroom sets of Chromebook and or/iPads in PreK-8 classrooms
    - Chromebook carts available for checkout for PreK-8 campuses
    - Computer labs at each campus PreK-12
    - Lend2Learn
        - Chromebooks and internet hotspots for economically disadvantaged K-8 student check out for at-home learning
- Teacher Hardware
    - Windows desktop computer connected to projector with mirroring/casting capabilities or interactive flat panel display in each classroom
    - Document cameras in some classrooms
    - Lending devices for teachers' home use
- Software
    - G Suite for Education (GSFE)
        - Utilize GSFE tools to support district's Portrait of a Learner attributes--The 4 Cs (Critical Thinking, Collaboration, Communication and Creation)
            - Google Classroom as Learning Management System for
                - Online assignments
                - Teacher feedback
                - Grades
                - Collection of student work
- Digital Instructional Materials
    - Online textbooks and Digital Components:
        - Children's Learning for Pre-K, Pearson for K-2 Math, K-2 Science, K-8 Social Studies, 9-12 Science, Professional Communications Math Models and Advanced Quantitative Reasoning, AP Calculus, and Audio and Visual Production, Houghton Mifflin Harcourt for PreK-12 English/Language Arts, 3-8 Math, 3-6 Science, Environmental Studies; McGraw Hill for 9-12 Math, 7-8 Science, Integrated Physics and Chemistry (IPC), Physics, and 10-12 Social Studies/History/Economics, Cambridge Learning for 8 Spanish, and 4-8 ESL

- Supplemental software
    - Edgenuity PathBlazer and Prodigy for K-5 Math, IXL for 3-8 Math, Algebra I, Algebra II and Ag Math; Dreambox for Ag Math; Lexia for K-8 ELAR, IXL for English I, Renaissance Learning for K-8, CAI Fuel Ed for Credit Recovery
    - iCEV and Goodheart Wilcox online curriculum for all 8-12 Career and Technology Education (CTE) courses
- Internet Hotspot
    - 250 student internet hotspots for lending
    - 25 teacher internet hotspots for lending

District Management Tools

- Skyward
    - Student and staff information management, student registration, electronic gradebook, attendance, state reporting, rostering Single Sign-On (SSO), Parent portal and student portal 6-12
- TxEIS
    - Financial accounting and HR
- Follett Destiny
    - Device, teacher, and student instructional materials and library book inventory
- Raptor
    - Visitor management system
- BlackBoard Connect
    - Mass notification system
- Eduphoria
    - HelpDesk to submit and track technology and maintenance work orders
    - FormSpace for facilities request, approval for professional development and time off
- DMAC
    - Local and state test data disaggregation
    - T-TESS evaluation and monitoring
    - Recording of staff development hours
- BoardBook Premier
    - Electronic school board meeting management system
- Gmail
    - Electronic communications access anywhere

- TEKS Resource System
    - Grade level and content area TEKS
- Plan4Learning
    - Campus and district improvement planning software
- SafeSchools
    - Online professional development
- TExGuide
    - Exemplar lesson and sample assessments
- ClassLink
    - SSO platform for district digital instructional and informational materials for K-12 students and all staff
- eTrition
    - School nutrition program software

Parent Access

- Skyward
    - Parent Portal and registration
- Texas Assessment
    - STAAR report card
- TEKS Resource System

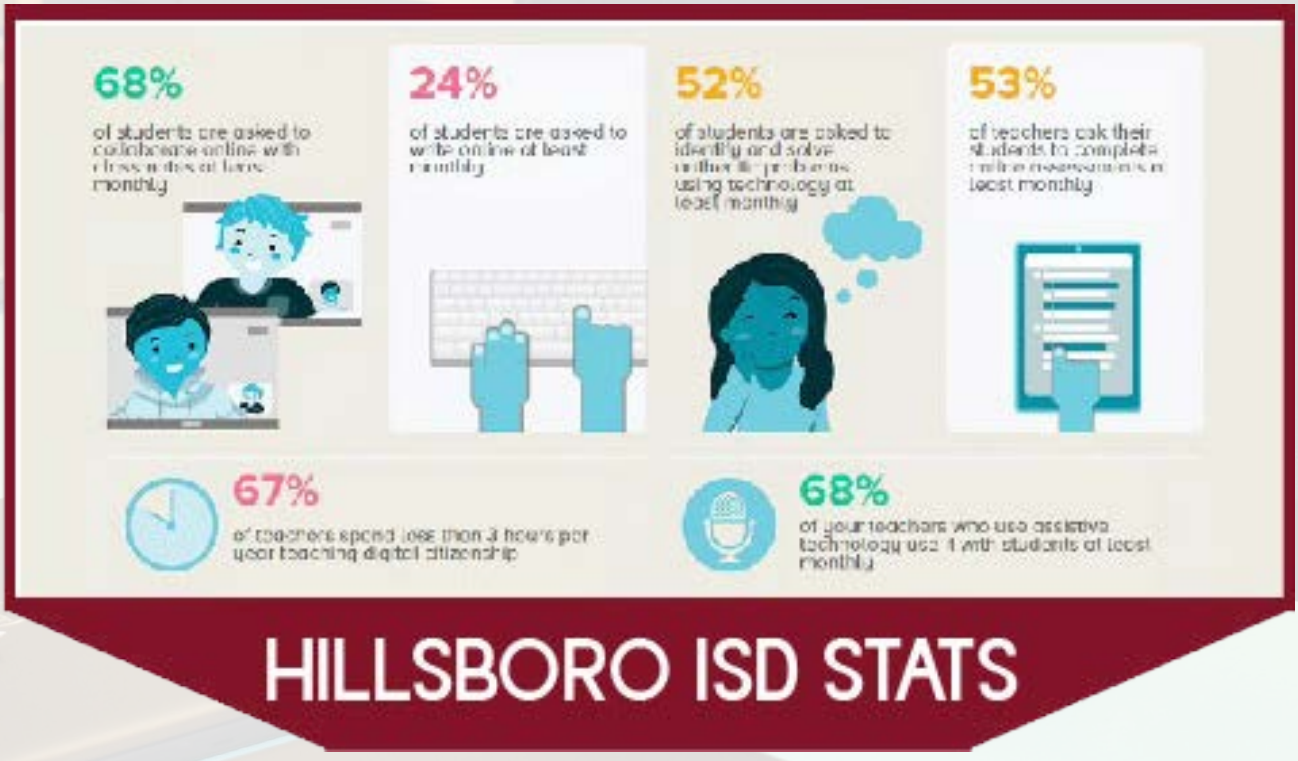
NEEDS ASSESMENT

Hillsboro ISD took steps to assess the current technology climate through technology committee feedback, staff feedback, and surveys. Tools used during the needs assessment process were technology and learning surveys, observation data, classroom visits, ClassLink analytics, and stakeholder feedback. Surveys included questions about classroom conditions, digital instructional materials, access, skills, and environment (including organizational conditions, staff tech support, and professional development).

HILLSBORO ISD STATS

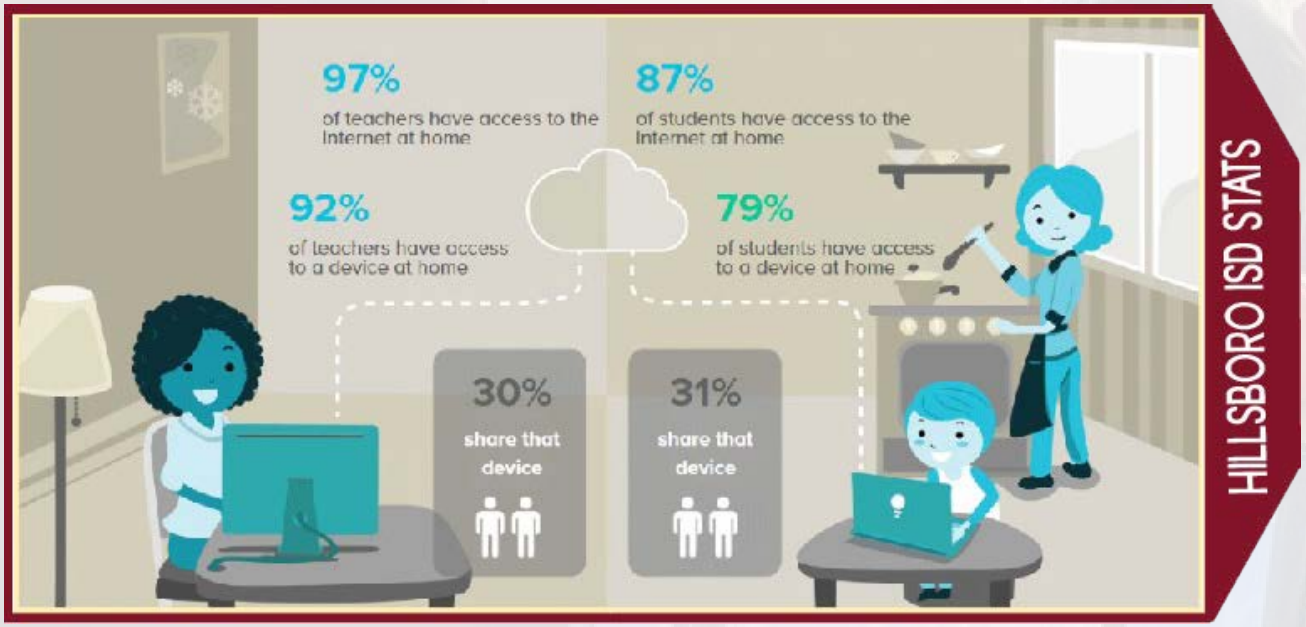
CLASSROOM

- Teacher use of the “4 Cs” (Communication, Collaboration, Creativity, Critical Thinking)
- Student Use of the “4 Cs” (Communication, Collaboration, Creativity, Critical Thinking)
- Teacher Digital Citizenship
- Student Digital Citizenship
- Assistive Technology
- Digital Assessment



HILLSBORO ISD STATS

ACCESS

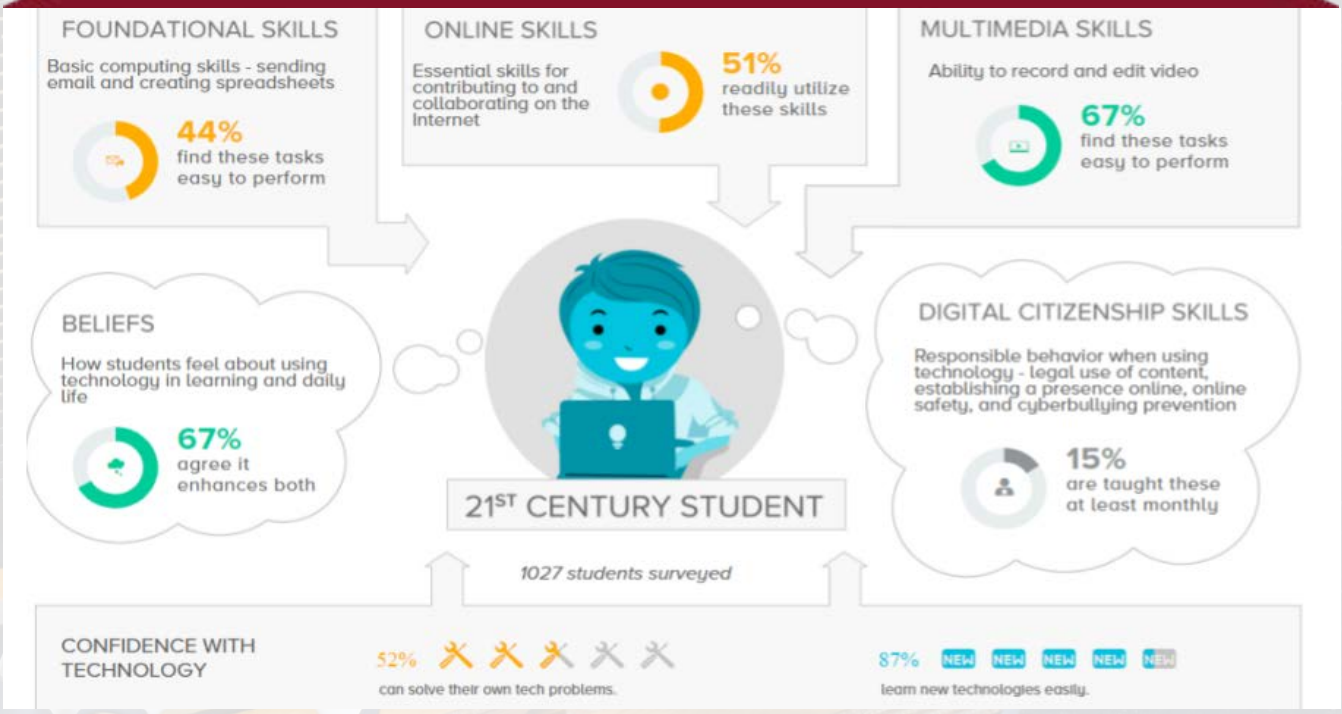


- Teacher Access at School
- Teacher Access at Home
- Student Access at School
- Student Access at Home

SKILLS

- Teacher Foundational Skills
- Teacher Online Skills
- Teacher Multimedia Skills
- Student Foundational Skills
- Student Online Skills
- Student Multimedia Skills

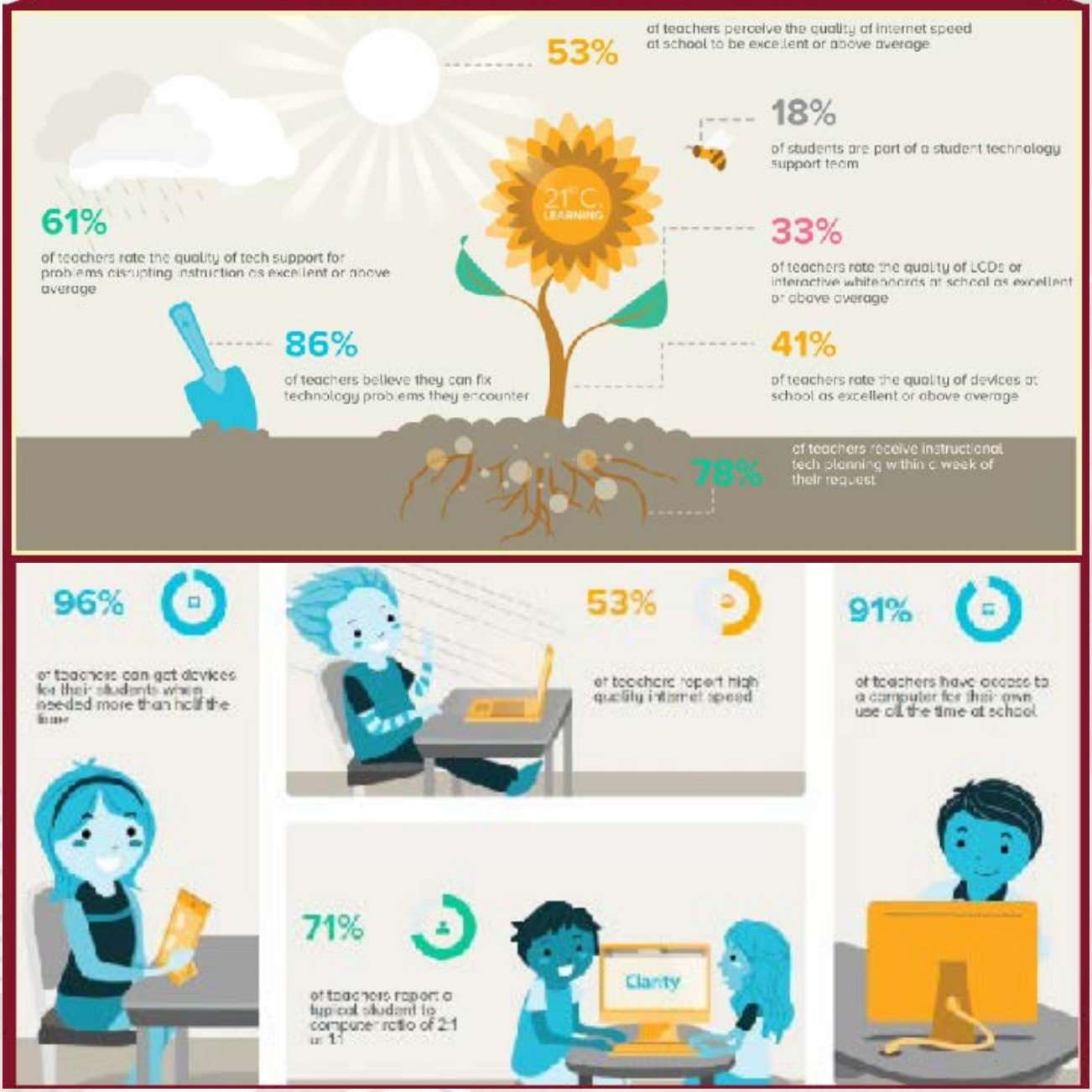
HILLSBORO ISD STATS



ENVIRONMENT

- Policies
- Practices
- Procedures
- Support
- Professional Learning
- Beliefs

HILLSBORO ISD STATS



The HISD classroom provides students with meaningful learning experiences, innovative pathways, and personalized opportunities. Building upon our current digital learning efforts, the district will continue to investigate innovative methods to enhance learning through digital environments.

Classroom Technology Standards for Capabilities:

Classroom Capabilities to Enhance Learning with Technology
Robust network capability (802.11ac or better)
Device sound projection (teacher and student)
Access to a student device at all times
Access to projection device for teacher and student
Access to power for charging
Ability to video conference and integrate others from remote locations into the classroom
Ability to annotate display and be unteathered with mobile device
Ability to display media
Ability to digitally capture classroom instruction

Classroom Hardware
Interactive flat panel or projector
Teacher computing device that connects to projection device (current: interactive flat panel or projector)
Device that allows the teacher to wirelessly manage the classroom
Document camera or stand for document display
Teacher access to a shared printer

STUDENT DEVICE STANDARDS

A student device supports Future Ready learning by providing access to relevant technologies, tools and resources for individualized instruction, while promoting student-driven learning. A student device allows for opportunities for self-sufficiency, digital responsibility and lifelong learning by providing tools that cultivate choice and the Six Cs (Communication, Collaboration, Creativity, Critical Thinking,Character, Citizenship).

Requirements for Learning

- Allows seamless access to instructional materials and digital resources
- Provides opportunities to collaborate both in and out of the classroom
- Promotes innovative experiences that are challenging, relevant, and meaningful to the students' lives
- Creates connections that expose learners to dynamic, real-world content that prepare them to thrive in a global society

Requirements for Access to Instructional Resources

- Supports access to a Learning Management System for anytime, anywhere learning
- Maintains an up-to-date environment that is compatible with digital resources
- Utilizes a filter to ensure an appropriate online experience while providing access to rich educational sites

Requirements for the Device

- Ability to access resources for both offline and online use
- All-day runtime to allow for uninterrupted use throughout the instructional day
- Wireless connectivity support that meets or exceeds current standards
- Mobile, durable device that withstands daily use
- Meets the requirements of learners based on their developmental and instructional needs
    - Requirements may include a touch screen, built in keyboard, camera and external connectivity
- Connectable with display devices and other smart devices
- Built-in customization features that allow for a personalized experience to meet the diverse needs of an individual learner
- Provides a screen size that meets or exceeds minimum state testing requirements

GOALS, OBJECTIVES, AND STRATEGIES

After evaluating existing conditions, analyzing needs based on a variety of factors, and applying the focus areas in the State of Texas Long Range Technology Plan, the following goals, objectives and strategies were identified for implementation. Each goal, in its own right, represents a significant step needed to complete the overall vision of being the standard of excellence in educational technology. These six goals make up the core focus of how technology is implemented at Hillsboro ISD moving forward.

HILLSBORO ISD LONG RANGE TECHNOLOGY PLAN GOAL DEVELOPMENT 2020–2024

RELIABLE INFRASTRUCTURE

SAFETY AND SECURITY

DIGITAL CITIZENSHIP

PERSONALIZED, FLEXIBLE, EMPOWERED LEARNING

EQUITABLE ACCESS

COLLABORATIVE LEADERSHIP

Goal 1

To provide an infrastructure that supports an anytime, anywhere learning environment for all and that can scale with user demands

Objective 1.1 Provide reliable and sustainable access.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
1.1.1	Define hardware refresh cycle to include end of life and sunset on district infrastructure	Director of Technology	Students and staff will have access to useable, up-to-date, and secure technology.				
1.1.2	Continue to maintain a robust, resilient infrastructure of fiber and wifi connections and strive to meet standards the SETDA (State Educational Technology Directors Association) recommendation of 1Gb internet capacity per 1000 students.	Director of Technology	Students and staff will have uninterrupted online access to necessary resources.				
1.1.3	Continue to maintain the network and infrastructure areas, with a focus on the wired and wireless communication networks, servers, data storage, back-up and recovery, e-mail system, cabling, and phone system.	Director of Technology	Students and staff will have uninterrupted online access to necessary resources.				

Goal 2

To enhance a safe learning environment through improved district data security, physical security, and staff practices

Objective 2.1
Secure and protect student and organization information.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.1.1	Continue providing an industry leading CIPA-compliant web filter to create a safe digital learning environment.	Director of Technology	Web filter creates a safe digital learning environment.				
2.1.2	Continue providing enhanced network security solutions through the use of cloud-based services, next-generation firewall technologies, and web filter.	Director of Technology	All data and information from stakeholders on the HISD network are safe and secure.				
2.1.3	Develop a recommended hardware list and recommended vendors for core technology items purchased for a campus.	Director of Technology	Technology department has established purchasing processes and support procedures that lead to increased efficiency and effectiveness for all stakeholders.				
2.1.4	Utilize mobile device management software and Google Admin Console to apply policies that enhance the safety of students while using district-issued mobile devices.	Director of Technology	Mobile device management software and Google Admin console enhance safety of users of district-issued mobile devices.				

Objective 2.2
Implement practices to vette privacy agreements.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.2.1	Establish vetting and acquisition process for all hardware, software, and networkconnected devices and processing for entering into agreements that, at a minimum, address applicable compliance laws while supporting innovation.	Superintendent; Ex. Director of Curriculum and Instruction; Director of Technology; Director of Instructional Technology; Director of Finance	All district digital resources that have been procured through standard district processes keep district data safe and enhance learning.				
2.2.2	Utilize, maintain, and update data privacy agreements (DPA) and Privacy Agreements for all systems that utilize external cloud resources.	Director of Technology; Director of Instructional Technology	District data are secure.				

Objective 2.3
Implement Safe Data Security Practices aligned to National Institute of Standards and Technology (NIST).

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.3.1	Establish HISD guidelines for cybersecurity aligned with NIST Cybersecurity Framework	Director of Technology	Cybersecurity risks are managed across the district digital resources.				
2.3.2	Perform regular audits of data privacy and security practices and publicly detail these measures through accountability dashboards	Director of Technology	Audit of data privacy and security practices performed and measures of audit are communicated. District acts according to audit findings.				
2.3.3	Perform an external security assessment and evaluation of the internal, external and wireless networks.	Director of Technology	Security assessment and evaluations performed. District acts according to findings.				

Objective 2.4
Establish Professional Development Practices to enhance data security and privacy.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.4.1	Provide required staff and school board privacy and security training annually. [HB 3834 Security Awareness Training]	Ex. Director of Curriculum and Instruction;Director of Technology; Director of Instructional Technology	Staff understands their role in keeping district data safe and district complies with HB 3834.				
2.4.2	Offer Privacy Certification course for staff which will allow teacher autonomy to select free resources that are safe and keep student and staff data secure. [iKeepsafe.org]	Director of Technology	Teachers will have the knowledge to select safe and secure free resources.				

Objective 2.5
Use technology to enhance safety solutions that secure the phsycial school environment.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.5.1	Provide and maintain systems to increase security across the district (security cameras, visitor management system (Raptor), VOIP system, and Tip Line).	Director of Technology; Director of Communicaions	The physical school environment across the district is secure.				

Objective 2.6
Manage Data Information.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
2.6.1	Acquire a unified account provisioning resource to ensure accurate accounts for students and staff that enter, leave or change roles within the district.	HR; Information Services Coordinator; Director of Technology	Accurate student and staff data are entered once across all platforms saving time and money.				
2.6.2	Manage Gmail and Google Drive data retention for employees	Director of Technology	Employee Google data are retained.				

Goal 3

To create responsible digital citizens in and out of school and support families with this endeavor

Objective 3.1
Formulate, improve, and expand an educational plan for digital citizenship.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
3.1.1	Begin to work toward Common Sense Media Educator, School, and District Recognition for leading digital teaching and citizenship	Director of Instructional Technology; Campus Administrators	Director of Instructional Technology; Campus Administrators Common Sense Media becomes incorporated in curriculum.				
3.1.2	Utilize Common Sense Media Schools Roadmap to create a district plan for digital citizenship implementation PK-12 and share expectations with students, staff, and parents.	Director of Instructional Technology	District plan is created and shared				
3.1.3	Implement Common Sense Media resources to teach students and educators and engage families	Director of Instructional Technology	Common Sense Media resources are used to teach students and engage families.				
3.1.4	Evaluate digital citizenship plan across the district to reflect, refine, and identify areas of improvement	Director of Instructional Technology	Survey deployed, results collected, and areas of improvement identified.				

Objective 3.2
Determine responsible use for digital privileges.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
3.2.1	Revise the district acceptable use policy to reflect a responsible use policy that encourages responsible use as opposed to restricted use.	Director of Technology; Director of Instructional Technology	A responsible use policy is created and used.				
3.2.2	Apply responsible usage standards and expectations across the district that align with rights and responsibilities of digital citizenship and enforce consequences when rights are abused.	Campus Administrators	Standards and expectations of responsible use are communicated and consequences are enforced.				
3.2.3	Educate students, staff, and parents about digital health and wellness (physical and emotional welfare)	Director of Instructional Technology; Campus Counselors	Students, staff, and parent resources are created and utilized.				

Goal 4

To create a learning environment that promotes personalization through adaptive technologies, is student-centered, and promotes the 4 Cs

Objective 4.1 Student-Centered and Adaptive
Increase the pattern of responsible classroom use of digital tools where all learners are authentically engaged.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.1.1	Promote the use of technologies for students to collaborate, construct knowledge to provide solutions to real-world problems.	Director of Instructional Technology; Campus Administrators; Instructional Coaches	Students collaborate, construct knowledge and solve real world problems using information and communication technologies.				
4.1.2	Encourage ownership and personalization of learning through the integration of resources that enable and encourage student-centered instruction.	Director of Instructional Technology; Campus Administrators; Instructional Coaches	Resources that enable and encourage student-centered instruction are utilized.				
4.1.3	Provide resources and support for students to effectively use technology to showcase their communication, collaboration, creativity, and critical thinking skills beyond the classroom walls.	Director of Instructional Technology; Campus Administrators; Instructional Coaches	Students effectively use technology to showcase the 4 Cs beyond their classroom walls.				
4.1.4	Provide learning opportunities for students to develop foundational, online, and multimedia skills.	Teachers	Student surveys show increased understanding and use of foundational and multimedia skills.				

Objective 4.2 Data-Driven Decisions
Provide resources and intentional training that promote data-informed learning that supports creativity, critical thinking, communication, and collaboration.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.2.1	Provide personalized professional development for teachers and staff to be able to effectively obtain and utilize the data to drive educational decisions. (DMAC, Skyward, digital resource dashboards).	Director of Instructional Technology; Ex Director of Curriculum and Instruction	Professional development is provided and teachers and staff effectively use data to drive educational decisions.				
4.2.2	Evaluate Classlink analytics to determine usage of various instructional resources and correlation of benefits.	Campus Administrators; Instructional Technology, District Instructional Leadership	Analytics are evaluated and usage of instructional resources are determined.				
4.2.3	Collect data through our SIS (Skyward) and data disaggregation program (DMAC) that allows teachers to make data informed decisions	Teachers	Data are collected through district resources and informs decisions.				
4.2.4	Identify technological needs of campuses and departments using observations, surveys and tools such as BrightBytes or Speak Up, Live Optics, Cisco AP Controller, Google Admin Console, Eduphoria Help Desk.	Technology Plan Committee	Campus technological needs are identified through various needs assessments.				

Objective 4.3 Reimagined Learning Spaces
Increase the pattern of flexible online and physical environments for students and educators.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.3.1	Promote flexible, collaborative, and creative learning spaces by sharing existing proven models that facilitate collaboration, movement, and autonomy in the classroom.	Superintendent; Campus Administrators; Director of Technology; Director of Instructional Technology; Executive Director of Curriculum and Instruction	Flexible, collaborative, and creative learning spaces increase.				
4.3.2	Support anytime, anywhere learning (blended learning) by providing adaptable technology in content areas as well as professional development on how to best utilize resources for personalized learning.	Superintendent; Campus Administrators; Director of Technology; Director of Instructional Technology; Executive Director of Curriculum and Instruction	Students are given agency over their time, space, path, and pace for learning.				

Objective 4.4 Educator Preparation and Development
Create a support system for educators that fosters purposeful integration and implementation of technology.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.4.1	Deliver professional learning for teaching staff that supports the proficiency standards from ISTE Student and Educator Standards, the 4 Cs, and the integration of content, pedagogy, and technology to enhance student learning experiences.	Director of Instructional Technology	Professional development delivered to teaching staff that integrates content, pedagogy, and technology to enhance student learning experiences.				

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.4.2	Provide embedded and differentiated training on digital learning, both online and face-to-face, based on district and campus needs.	Director of Instructional Technology	Differentiated technology training occurs.				
4.4.3	Support educators throughout the T-TESS goal setting process, promoting ISTE Educator Standards, and the utilization of technology as a tool for increasing efficiency and improving instruction.	Director of Instructional Technology, Campus Administrators	Educators are supported on how to utilize technology tools through the T-TESS goal setting process.				
4.4.4	Provide professional learning opportunities to develop foundational, online, and multimedia skills.	Director of Instructional Technology	Professional development for developing foundational, online, and multimedia skills occurs.				
4.4.5	Develop and promote a self-help, knowledge-based toolbox for digital instructional resources.	Director of Instructional Technology	Knowledge-based toolbox of digital resources created.				
4.4.6	Invest and engage in professional development for technology support staff to stay current with expertise, trends and risks.	Director of Instructional Technology; Director of Technology; Technology Staff; Instructional Coaches; Director of Finance	Technology support staff attend professional development opportunities.				

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
4.4.7	Provide ongoing and just in time training in the access and use of digital instructional materials, digital instructional resources, and student performance platforms.	Director of Instructional Technology; Ex. Director of Curriculum; Director of Literacy and Learning; Student Academic Services Coordinator; Director of Special Education	Staff understand how to access and utilize digital tools, materials and resources and instruction is enhanced.				
4.4.8	Promote instructional technologist, instructional coaches and teacher collaboration to create transformative learning experiences in order to provide students a deeper understanding of concepts.	Director of Instructional Technology; Campus Administrators; Instructional Coaches; Ex. Director of Literacy and Learning	Instructional tech trainings are promoted and transformative learning experiences occur.				

Goal 5

To provide account access, devices, digital instructional resources, and connectivity where all students and staff can fully participate

Objective 5.1
Remove barriers that limited access to digital resources.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
5.1.1	Allocate the use of Instructional Materials Allotment and Technology (IMAT) funds and local funds to purchase technology and digital instructional materials.	Superintendent; Director of Finance; Ex Director of Curriculum and Instruction; Director of Technology; Director of Instructional Technology	Funding allocated for prioritized technology needs.				
5.1.2	Develop a responsible and sustainable district technology budget and refresh plan/forecast to meet the needs of all learners (3-5 year rolling forecast).	Superintendent; Director of Finance; Director of Technology	Up-to-date and secure technology provided for all staff and students.				
5.1.3	Provide a 1:1 instructional device for HHS incoming Freshmen annually based on the Student Device Standards.	High School Principal; Director of Finance; Director of Technology	All incoming Freshmen have an instructional device that enhances learning.				
5.1.4	Provide lending programs through campus technology for 24/7 access as needed for instructional resources (i.e., remote wireless access and/or mobile devices based on Student Device Standards).	Director of Technology; Director of Instructional Technology; Campus Administrators	Students and staff have access to lending devices as needed for learning.				

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
5.1.5	Provide technical support for hardware and software issues by ensuring help desk staff, phone numbers and links to help are readily available.	Director of Technology; Technology Staff	Annual survey results indicate that tech support is readily available.				
5.1.6	Provide an instructional device for teachers that aligns with the Profile of a Classroom standard with a refresh rate of 3-5 years.	Director of Finance; Director of Technology; Campus Administrators	This would provide up to date and secure technology for all staff.				
5.1.7	Provide ClassLink SSO platform for content delivery and access to digital instructional materials and resources for anywhere, anytime learning environment for all.	Director of Instructional Technology	Students and staff have access to digital instructional materials as needed for learning.				
5.1.8	Provide digital accessibility tools and resources to meet the needs of all learners.	Director of Special Education, Campus Administrators, Director of Technology, Director of Instructional Technology	All students can access tools and resources needed for learning.				

Goal 6

To utilize a proactive, efficient team composed of key stakeholders that work together to enhance the curriculum and improve learning experiences and communication through technology

Objective 6.1
Set priorities and ensure that stakeholders are working toward common technology goals.

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
6.1.1	Create a district Technology Committee that includes a cross-functional collaboration team made up of students, teachers, campus and central office administrators, and parents to review and annually update our district technology goals and develop a clear vision for digital learning.	Director of Technology; Director of Instructional Technology	Valuable feedback relating to technology needs to the Technology and Curriculum departments offered.				
6.1.2	Develop short term and long term goals for technology that meet compliance and budget timelines.	Technology Committee	Goals and budget are established.				
6.1.3	Evaluate technology goals across the district to reflect, refine, and identify areas of improvement.	Technology Committee	The Technology Plan is updated and improved based on the review.				
6.1.4	Ensure that the practice of incorporating Technological Pedagogical Content Knowledge-[TPACK] occurs.	Director of Instructional Technology; Campus Administrators; Instruction-al Learning Coaches	Director of Instructional Technology plans with instructional coaches and principals on a regular and ongoing basis regarding effective implementation of instructional technology.				

	STRATEGY DESCRIPTION	MONITOR	EXPECTED RESULT	YR 1	YR 2	YR 3	YR 4
6.1.5	Have a quarterly technology meeting to research and stay ahead of current trends, equipment, internet usage and digital resource analytics.	Director of Technology; Technology Staff; Director of Instructional Technology;	Research is completed and in progress.				
6.1.6	Promote electronic communication resources for students and staff.	Director of Technology; Technology Staff; Director of Instructional Technology; Campus and District Administrators	District stakeholders access information through electronic resources.				

EVALUATION OF PLAN

The District Technology Plan Committee (TPC) will meet once a semester or more as needed to implement and evaluate the technology plan and develop alternative courses of action when necessary. Updates regarding progress on the technology plan will be provided to district leadership and the school board as needed. Progress towards plan goals and objectives will be assessed according to progress toward completion of strategies. Each strategy describes a specific activity and has a defined purpose and timeline for implementation or completion. Each strategy also includes a person(s) responsible for monitoring as well as evidence that will be used to measure the successful completion of the strategy. Each person listed as being responsible for strategies will evaluate progress toward timely completion of their strategies and report to the TPC at semester meetings. Strategies will be recorded as completed or in progress. Completion progress will be measured against the evaluation criteria listed with each strategy. In addition, district-created surveys will be used on a regular basis to evaluate progress according to the technology plan. These surveys will provide data that will be useful in evaluating and documenting progress. The technology plan includes a ticket system that is used by staff members to request technical and instructional technology support. The quantity and type of requests as well as the timeliness of completion will be evaluated to determine if goals for the availability of support for technology are being met.