

# Thomas County School System

## Technology Plan

July 2020- June 2023



**Vision:**

*The vision of the Thomas County Schools Technology Department is to provide all students with access to state-of-the-art technology and digital learning resources which will increase their ability to become empowered learners and responsible digital citizens who have the necessary skills and proficiencies for the next level of education and the workforce of today and tomorrow.*

**Mission:**

*By staying up-to-date on the latest technology and digital learning tools, we work together to provide leadership and support to teachers, staff members, and students as they use technology to transform learning.*

<b><i>GOAL 1: Prepare and maintain a reliable network that provides access to available resources for staff, students, and community stakeholders.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Seek eRate and other grant funding to maintain network hardware and cabling to keep LAN/Wireless robust enough to handle streaming video, voice over IP, Google Suite and all other technology needs	All classrooms have access to necessary online and local resources	Awarding of eRate funding annually and State GOSA Grants when available	E-Rate and other state grants, ESPLOST	Technology Director Deputy Superintendent for Finance Network Administrator eRate Consultant and Technicians
Maintain annual subscriptions for FortiNet/FortiGate, Gaggle monitoring, GoGuardian Admin and Teacher, Active Directory Sync and Barracuda Backup	Accounts with safe and appropriate content are being provided for staff and students	Keeping subscription for all infrastructure software up to date	Local funding and state grants when available	Technology Director Deputy Superintendent for Finance Network Administrator Technicians
Maintain eRate funding for WAN connections and Internet Bandwidth. Anticipate future needs and increase bandwidth capabilities before experiencing network bottleneck	School and BOE WAN Connections and Internet Access with adequate speed are provided.	Awarding of eRate funding annually	eRate and Local Funding	Technology Director Deputy Superintendent for Finance eRate Consultant
Maintain and Update Domain Controllers, File Servers and Virtual Machine	Locally stored data is safe and reliably accessible	Monitoring condition of servers and updating	ESPLOST and Local funding	Technology Director Network

Servers		when needed		Administrator
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<b><i>GOAL 2: Increase instructional technology use through equitable access.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Maintain and update the number of classrooms that use 21st century tools (SMART Boards, ViewSonic panels, sound enhancements, etc.)	100% of classrooms will maintain equipment	Annual technology inventory	ESPLOST and other grant funding	Technology Director Technicians
Maintain and increase access to technology devices throughout the district for teachers, students, and staff	100% access to devices for teachers and students	Annual technology inventory	ESPLOST and other grant funding	Technology Director Technicians
Increase the ease of access to technology tools through the use of Active Directory, Google Admin console, Infinite Campus, and Clever Single Sign-On	Provide 100% access	Annually	State and Local funds	Technology Director Digital Learning Coordinator
Maintain and increase effective use of Google Suite for Education	Provide 100% access	Annually	No cost	Technology Director Digital Learning Coordinator Digital Learning Specialists

Continue to provide 1:1 checkout of Chromebooks at Bishop Hall and TCCHS and 1:1 carts of devices at the other schools	Provide 100% access	Annually	ESPLOST, other grant funds	Technology Director Digital Learning Coordinator Deputy Superintendent for Finance
Increase effective use of Google Classroom, Seesaw, and other Learning Management Systems where applicable	Increase by departments each school year	Annually	State and Local Funds	Digital Learning Coordinator Digital Learning Specialists
Provide access to virtual learning programs, such as Georgia Virtual School, FuelEd, and Odysseyware	Provide 100% access	Annually	State and Local Funds	Associate Superintendent Virtual School Instructor
Maintain use of teacher webpages to post instructional materials, teacher-created materials, and blogs	Provide 100% access	Periodic website evaluations	No cost	Digital Learning Coordinator Digital Learning Specialists Principals
Research methods of providing wireless access throughout the county	Provide access as it becomes available	Annual Technology Inventory	Grants, E-Rate, state funding	Technology Director Deputy Superintendent for Finance Digital Learning Coordinator
Increase number of eBooks and provide access to Open Education Resources	10% increase in eBooks each year	Annual Media Center Inventory	State and Local Funds	Digital Learning Coordinator

				Media Specialists
Provide training and information to teachers, students, staff, and parents on how to access educational resources	Professional Learning Calendar	Stakeholder Surveys	No cost	Digital Learning Coordinator Digital Learning Specialists Media Specialists Principals

<b><i>GOAL 3: Improve student academic performance through the use and integration of technology for mastery of the Georgia Standards of Excellence and/or other relevant course standards.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
<p>Use of server-based software and online programs to monitor student learning in order to increase achievement on the Georgia Milestones and other assessments.</p> <p>Software includes, but is not limited to, BrainPop and BrainPop, Jr., Starfall, Reading Eggs, Math Seeds, Moby Max, Naiku, Study Island, Keyboarding without Tears, Google for Education, IXL, Discovery Education, iReady, Odysseyware, Khan Academy, Explore Learning, etc.</p>	<p>Increase in Georgia Milestones scores and other assessments</p>	<p>Test score reports</p>	<p>Annual dues to maintain software paid by federal, state, and local funds.</p>	<p>Digital Learning Coordinator</p> <p>Digital Learning Specialists</p> <p>Curriculum Department</p> <p>Principals</p> <p>Teachers</p>
<p>Analyze data reports in order to determine software program effectiveness</p>	<p>Annual analysis of usage reports</p>	<p>Usage reports Surveys and teacher feedback</p>	<p>No cost</p>	<p>Digital Learning Coordinator</p> <p>Digital Learning Specialists</p> <p>Curriculum Department</p> <p>Principals</p>

Increase effective use of blended learning by using Learning Management Systems such as Google Classroom and Seesaw	Increased content in Learning Management Systems	Grant evaluator reports  Surveys of stakeholders	Professional Learning Funds	Digital Learning Coordinator  Digital Learning Specialists  Principals  Teachers
Use data from common assessment program to inform and guide instruction	Increase in test scores	Data from assessment program	Title funds, Local funds	Director of Assessment  Digital Learning Coordinator  Digital Learning Specialists  Principals  Teachers
Use a variety of digital formative assessment tools (Kahoot, Socrative, Google Forms, Ed Puzzle, Nearpod, etc.) to inform and guide instruction	Increase in summative test scores and Georgia Milestones scores	Data from summative tests and Georgia Milestones	No cost for some programs  State and Local funds	Digital Learning Coordinator  Digital Learning Specialists  Curriculum Department  Principals  Teachers
Use innovative ideas to transform learning through the use of various technology tools by understanding and using the SAMR model	Increase in understanding of SAMR model by digital learning staff and school staff	Teacher surveys  Review of digital learning reports	Professional Learning funds	Digital Learning Coordinator  Digital Learning Specialists  Curriculum Department  Principals Teachers



Provide access to professional learning regarding using technology for learning through summer sessions, trainings throughout the school year, GaETC, Google Summits, and the annual TIP Expo in January	Increase in professional learning as it relates to technology	Professional Learning Calendar	Professional Learning funds	Digital Learning Coordinator Digital Learning Specialists Curriculum Department Principals Teachers
Increase number of student projects created using digital tools	Increase in Media Festival and Technology Competition winners	Media festival and technology fair project lists	No cost	Digital Learning Coordinator Digital Learning Specialists Principals Teachers
Award Digital Learning All-Star Teacher of the Year at each school and for the district	Nominations for Digital Learning All-Star Teacher of the Year from each school	Award winners list and PR reports	No cost	Digital Learning Coordinator Principals

<b>GOAL 4: Provide state-of-the-art learning environments for computer science and coding education.</b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Provide access to computer science and coding education to all students through specials classes and embedded classroom lessons using Project Lead the Way	Courses provided annually	School schedules	Grants, state, and local funds	Coding and computer science teachers  Science Coordinator  Digital Learning Coordinator
Increase Lego League, robotics team, and Girls who Code membership	Increase the number of participants annually	Rosters of club membership	Local funds	Coding and computer science teachers
Promote participation in Hour of Code activities	100% of schools will participate in Hour of Code activities annually	PR reports	No cost	Digital Learning Coordinator  Digital Learning Specialists  Coding and computer science teachers  Principals
Increase number of students and number of diverse students in AP Computer Science	Increase the number of enrolled students annually  Increase in the number of diverse students enrolled annually	Enrollment reports from TCCHS	No cost	Coding and computer science teachers  Principals and school administrators

<b>GOAL 5: Increase student awareness of the responsibilities of living and working in a digital environment.</b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Provide Digital Citizenship Curriculum through Common Sense Media and other providers such as Interland by Google	100% of students will receive digital citizenship education annually  Decrease in number of technology discipline referrals	Student surveys  School discipline referral reports	State and Local funds	Digital Learning Coordinator  Digital Learning Specialists  Digital Citizenship Instructors
Institute Digital Citizenship campaign that highlights the importance of digital citizenship	All schools will participate in the Digital Citizenship campaign	Stakeholder surveys	No cost	Digital Learning Coordinator  Digital Learning Specialists  Digital Citizenship Instructors  Principals
Educate parents on digital citizenship	All schools will include digital citizenship on a parent involvement night	Parent involvement sign-in sheets  Parent surveys	No cost	Digital Learning Coordinator  Digital Learning Specialists  Digital Citizenship Instructors  Parent Involvement Coordinators

<b><i>GOAL 6: Increase the application and use of technology to enhance job performance, productivity, and collaboration between stakeholders.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Continue to provide access to and training for Google for Education (Google Docs, Google Slides, Google Sheets, Google Forms, Google Classroom, etc.)	100% of schools and school system staff will continue to use Google Suite for Education	Staff technology survey  Professional learning calendar	Professional Learning Funds	Technology Director  Digital Learning Coordinator  Digital Learning Specialists
Increase the number of Level 1 and Level 2 Google Certified Educators in the school district	10% increase each year	List of Google Certified Educators	Professional Learning Funds  Federal Funds	Digital Learning Coordinator  Digital Learning Specialists
Research new productivity tools as they become available	Productivity tools will be up-to-date to meet the needs of the staff	Staff technology survey	No cost	Technology Director  Digital Learning Coordinator  Digital Learning Specialists
Provide training on Infinite Campus (SIS), finance, and special education software	Annual training on all software for teachers and administrators	Professional learning calendar  Teachers, staff, and administrators will continue to use all programs	Professional Learning Funds	Digital Learning Coordinator  Director of Special Education  Deputy Superintendent for Finance
Provide access to professional learning regarding using technology for	Increase in professional learning as it relates to	Professional Learning Calendar	Professional Learning Funds	Technology Director  Digital Learning

learning through summer sessions, online trainings through programs such as MobileMind trainings throughout the school year, and the annual TIP Expo in January	technology			Coordinator Curriculum Department Digital Learning Specialists
Provide access and training to the State Longitudinal Data System (SLDS) to all staff	100% access to SLS through Infinite Campus	Usage reports	No cost	Digital Learning Coordinator Digital Learning Specialists Principals

<b><i>GOAL 7: Utilize technology to enhance parent/community communication and collaboration in student achievement.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
Provide access, directions, and training for using parent portal for Infinite Campus (SIS)	10% increase in parent participation annually	Resources located on school and system websites  Reports from software indicating the number of parent users	No cost	Digital Learning Coordinator  Associate Superintendent  SIS clerk  Digital Learning Specialists  School Principals and Counselors
Maintain district, school, and teacher websites for access by parents and community stakeholders	Websites will consistently be kept up-to-date	Website evaluations	State and Local funds	Digital Learning Coordinator  School webmasters  Principals  Teachers
Maintain and promote the use of the Thomas County School System app available in the App Store and through Google Play	App will be kept up-to-date and promoted through PR outlets  10% increase annually in the number of app downloads	Number of app downloads	State and Local funds	Digital Learning Coordinator  Digital Learning Specialists

Promote use of Remind by teachers to increase parent contact	100% of teachers will use Remind	Parent surveys	No cost	Digital Learning Coordinator Digital Learning Specialists Principals Teachers
Use digital tools (i.e. Google Forms, the contact log in Infinite Campus) to log parent communication	Increase in number of electronic logs	Parent involvement reports	No cost	Digital Learning Specialists Principals Teachers
Update and promote school and district social media sites	10% annual increase in number of social media posts and followers	Social media evaluations and interactions	No cost	Public Relations Director Digital Learning Coordinator Principals School PR Representatives
Provide continued communication with parents and staff concerning school news through One Call now, Infinite Campus (SIS), Facebook, Twitter, and Instagram	All schools will make calls and post announcements online	Monitor call log and Infinite Campus and social media posts	State and Local funds	Digital Learning Coordinator Associate Superintendent Principals PR Director School PR Representatives

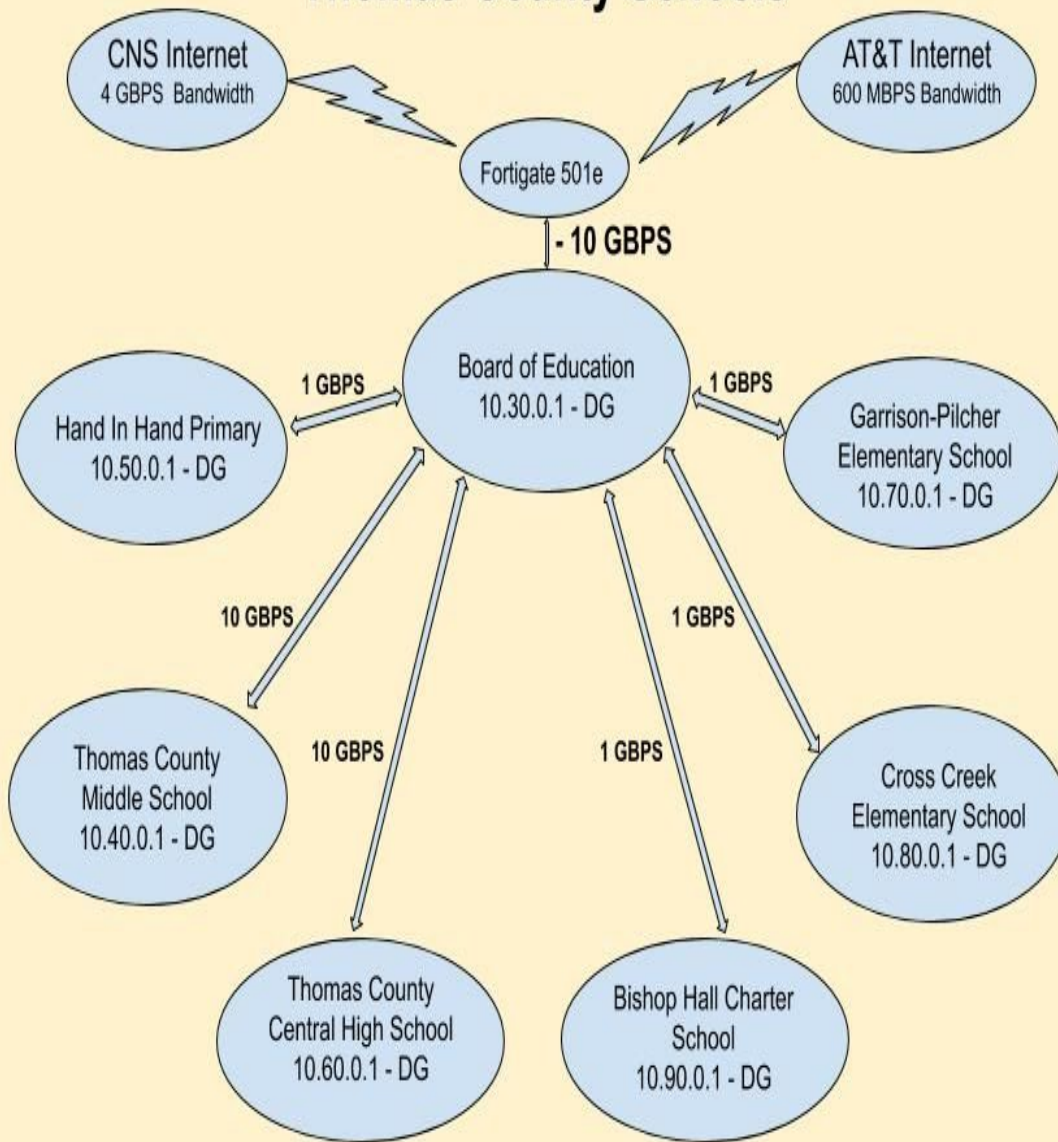
Increase use of digital signage in school buildings	100% of schools will have digital signage by the end of the 2020-2021 school year	Monitor digital signage	ESPLOST	Technology Director PR Director School PR Representatives
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<b><i>GOAL 8: Prepare teachers, students, school staff, and parents/families for remote learning opportunities.</i></b>				
<b>Strategies</b>	<b>Benchmarks</b>	<b>Evaluation Plan</b>	<b>Budget</b>	<b>Responsibility List</b>
All efforts will be made to provide students with internet connectivity outside of the school environment.	All students will have access to the internet	Wifi maps Parent surveys	Local funding and grants when available	Technology Director Deputy Superintendent for Finance Network Administrator
Students will be prepared to use remote learning tools.	All students will be provided with instruction on how to use remote learning tools during the beginning of each school year	Student and parent surveys	No cost	Digital Learning Coordinator Digital learning Specialists
Students will be provided with devices for remote learning situations.	All students will have access to a device as needed in remote learning situations	Device Inventory	Local funding and grants when available	Technology Director Deputy Superintendent of Finance
Teachers will be offered opportunities for professional learning as it relates to remote teaching needs.	All teachers will be provided with personalized professional learning for remote and digital learning tools	Teacher Surveys	Local funding and grants when available	Digital Learning Coordinator Digital Learning Specialists Media Specialists
Parental Communication	Parents will be provided with instructional videos demonstrating how to use	Parent surveys Website of instructional videos	No cost	Teachers Administrators Digital Learning Coordinator

	remote learning tools			Digital Learning Specialists Parent Involvement Coordinator
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# Thomas County Schools



## Network Topography

June 17, 2020

**Current Device Reality  
August 2020**

**Hand-in-Hand Primary School**

Desktop/Laptop Computers for Students	106
Computers for Faculty and Staff	67
NComputing Devices	24
Chromebooks	83
Tablets	440
Document Cameras	34
SMART Boards	40
Interactive Panels	1

**Garrison-Pilcher Elementary School**

Desktop/Laptop Computers for Students	143
Computers for Faculty and Staff	77
NComputing Devices	0
Chromebooks	605
Tablets	638
Document Cameras	48
SMART Boards	7
Interactive Panels	54

**Cross Creek Elementary School**

Desktop/Laptop Computers for Students	112
Computers for Faculty and Staff	63
NComputing Devices	28
Chromebooks	1230
Tablets	154

Document Cameras	51
SMART Boards	59
Interactive Panels	0

**Thomas County Middle School**

Desktop/Laptop Computers for Students	125
Computers for Faculty and Staff	307
NComputing Devices	3
Chromebooks	2709
Tablets	291
Document Cameras	85
SMART Boards	112
Interactive Panels	0

**Thomas County Central High School**

Desktop/Laptop Computers for Students	250
Computers for Faculty and Staff	164
NComputing Devices	0
Chromebooks	2111
Tablets	29
Document Cameras	50
SMART Boards	84
Interactive Panels	1

### Bishop Hall Charter School

Desktop/Laptop Computers for Students	52
Computers for Faculty and Staff	40
NComputing Devices	0
Chromebooks	474
Tablets	30
Document Cameras	15
SMART Boards	0
Interactive Panels	16

### The Renaissance Center

Desktop/Laptop Computers for Students	106
Desktop Computers for Faculty and Staff	10
NComputing Devices	0
Chromebooks	84
Tablets	0
Document Cameras	1
SMART Boards	6
Interactive Panels	0