

# Future Ready Technology Plan

Darien Public Schools  
May 25, 2021

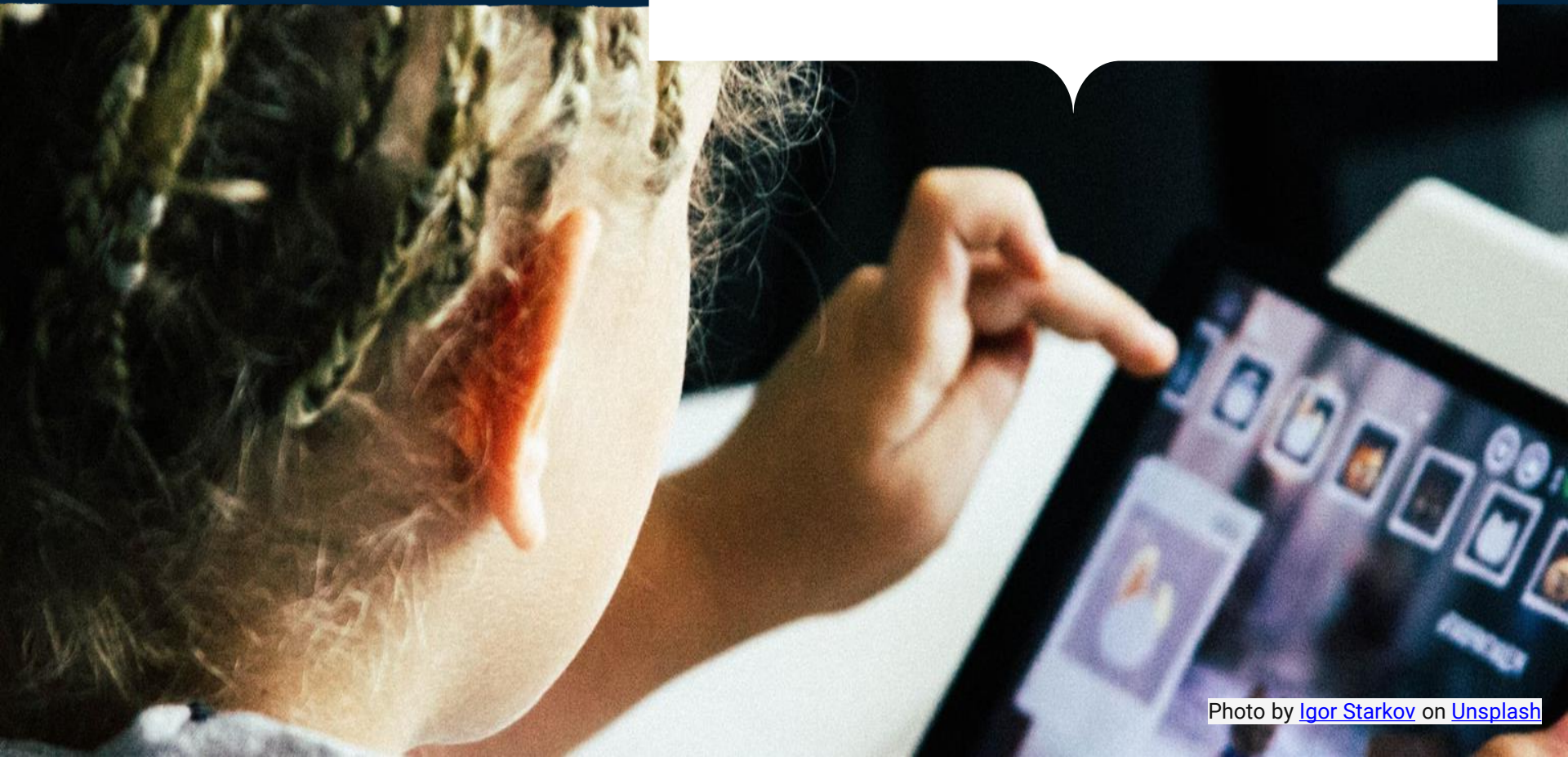


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# Overview

- Technology Timeline
- Future Ready Framework
- Guiding Documents Crosswalk
- The Framework Drivers and Planned Actions
- Discussion & Questions

***Preparing all students today to thrive in a changing world tomorrow.***

# Technology Plan Timeline

2018

District  
Technology  
Council

Committee  
launched including  
teachers, students,  
parents and  
administrators

2019

Core Values  
& Tech Vision

Core Values and  
Tech Vision  
Developed and  
Articulated

2020  
2021

Tech Plan  
Transitions  
to FRF

New framework  
designed and  
adopted to align  
to District  
Strategic Plan

2021  
2024

District  
Technology  
Council

New steering  
committee formed  
with structures to  
support new plan

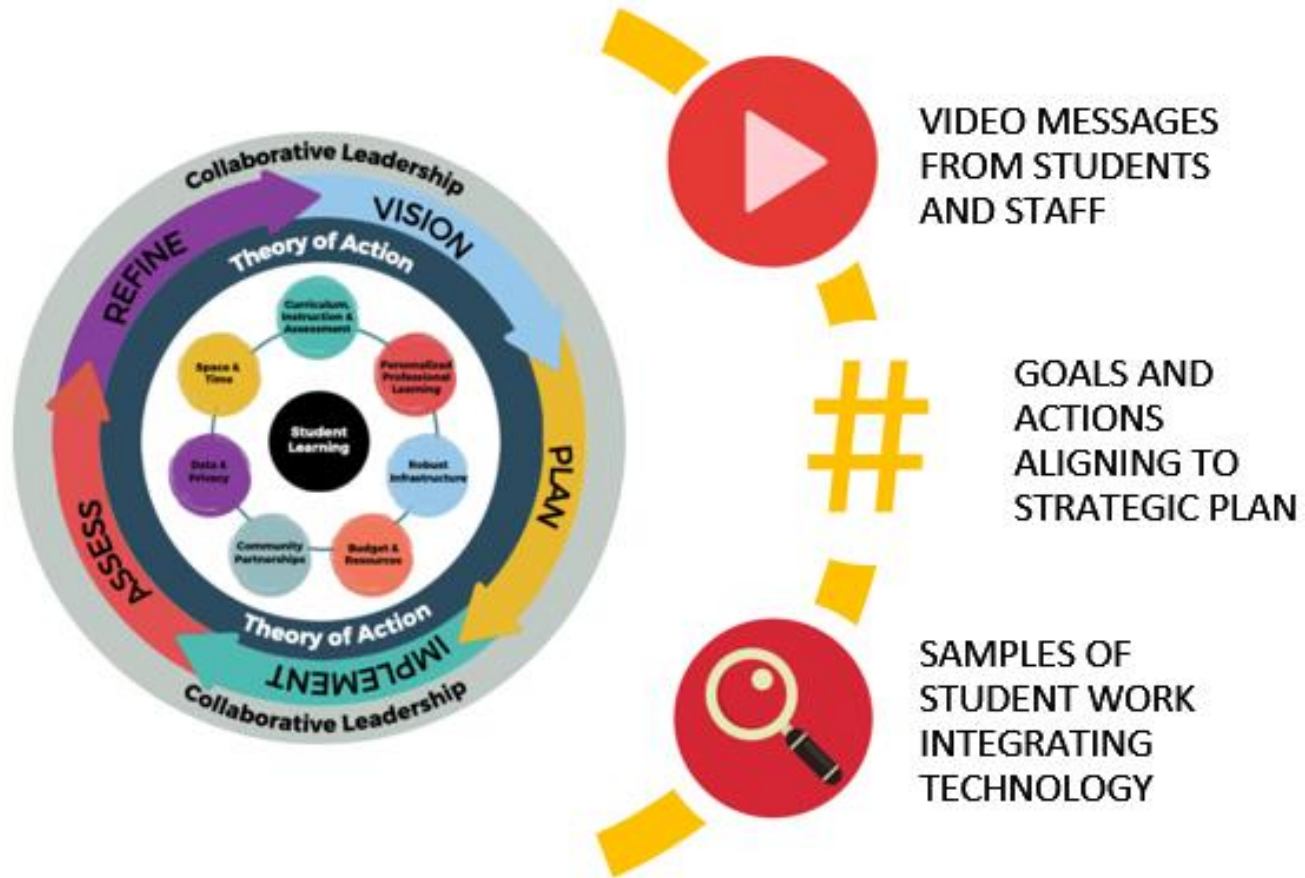
# DPS Future Ready Framework



## Theory of Action

If we create innovative, transformative and sustainable learning environments to provide technology rich learning experiences, then all students will develop future ready technology skills to enhance and support their learning in school and beyond.

# Navigating the Future Ready Technology Plan



## DISTRICT CORE VALUES

### HOW ARE THE DISTRICT CORE VALUES REALIZED THROUGH OUR FUTURE READY FRAMEWORK?

#### Core Values

#### Technology Realization

##### 01. WELLNESS

Creating balanced learning environments that are physically, socially, emotionally, and intellectually safe and healthy.



Ensuring safe digital environments for all focusing on cybersecurity, equitable resources and balance in digital use.

##### 02. COLLABORATION

Working openly, productively, and interdependently toward common goals.



Collaborating and planning to ensure that technology aligns with District, school and instructional goals in support of student learning.

##### 03. DIVERSITY & INCLUSION

Creating a community that welcomes and embraces the full range of human differences.



Providing equitable access and ensuring diverse and inclusive representation in digital resources.

##### 04. EQUITY

Advocating for and advancing opportunities and outcomes for all.



Maintaining equitable access to technology resources for all students, with consideration for the unique experiences and rights of others.

"OUR DISTRICT CORE VALUES ARE THE HEART OF OUR STRATEGIC PLAN AND IT IS VITAL TO REALIZE THEM THROUGHOUT OUR ENVIRONMENT, ESPECIALLY IN TECHNOLOGY."

-Dr. Jean McGettigan

##### 05. EXCELLENCE

Delivering the highest quality education for each student to reach their individual potential



Advancing technology integration in teaching and learning to cultivate students computing skills and creating media-rich evidence of learning.

##### 06. INNOVATION

Leading with creativity and ingenuity through disciplined problem solving.



Empowering students to take ownership while providing opportunities for students to create, innovate and demonstrate learning in new ways.

##### 07. INTEGRITY

Acting honestly and ethically with shared accountability.



Modeling use of intellectual property to guide students toward ethical use of technologies and instructional materials that represents their own thinking.

# Core Values Crosswalk

# Core Values Crosswalk

Strategic Plan Core Value



## WELLNESS

Creating balanced learning environments that are physically, socially, emotionally, and intellectually safe and healthy.

How the value is supported in the FRTP



## REALIZATION

Ensuring safe digital environments for all focusing on cybersecurity, equitable resources and balance in digital use.



## HOW DOES THE FUTURE READY FRAMEWORK ALIGN TO THE DISTRICT STRATEGIC GOALS?

*Strategic Goals & Strategies*

### **ENHANCING TEACHING AND LEARNING**

Develop a shared vision of teaching and learning.

Revise and/or create curricula that are designed to responsibly represent diverse perspectives as well as most individual learning needs.

Align job-embedded professional learning opportunities to support growth and development in identified areas.

*Future Ready  
Framework Drivers*


**COLLABORATIVE LEADERSHIP**

**CURRICULUM, INSTRUCTION & ASSESSMENT**

**PERSONALIZED PROFESSIONAL LEARNING**



  
**Strategic Goal**

  
**Where the goal is intentionally supported.**

## Curriculum Instruction & Assessment

Addressing technology standards and applications purposefully and authentically within the written, taught and assessed curriculum while providing a variety of differentiated learning experiences and opportunities for choice.

### CURRICULUM, INSTRUCTION AND ASSESSMENT



Addressing technology standards and applications purposefully and authentically within the written, taught and assessed curriculum while providing a variety of differentiated learning experiences and opportunities for choice.

#### Focus: Purposeful and Meaningful Technology Integration

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Integrate HOTS standards and align technology work to state and district policies, goals and best practices	Director of Instructional Technology Principals Department Chairs Team Leaders Assistant Superintendents	Revised Curricula Revised Policies Classroom Instruction	2024
Provide job-embedded professional learning that embeds digital leader design and implementation in standard practices	Professional Development and Evaluation Committee (PDEC) Assistant Superintendents	Teacher / Admin Feedback PD session strategies Standard Teacher Evaluation Plan	2023
Provide a web-based resource of exemplary lessons to serve as models to develop skills to develop digital tools, and facilitate authentic learning	Director of Instructional Technology Department Chairs Team Leaders / Teachers	Digital Library Observations TEEP Update	2024

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WE GRADUALLY SHIFT FROM TECHNOLOGY AS THE CONTENT, TO TECHNOLOGY AS THE FOUNDATION NEEDED TO ACCESS ALL OTHER CONTENT AREAS. THE REAL PLURRY WE SECURE AS USERS OF TECHNOLOGY. THE BETTER PREPARED WE ARE TO CREATE AND PROBLEM SOLVE WITH THE TOOLS WE HAVE AT OUR FINGERTIPS. *-Grueter Trachery*

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Create a scope and sequence that builds a strong foundation of technology skills to empower and support student learning	Director of Instructional Technology Library Media Specialists Assistant Superintendents	articulated scope and sequence Embedded Assessments	2023
Develop/update digital citizenship curriculum with implementation plans	Director of Instructional Technology Library Media Specialists Department Chairs Team Leaders Assistant Superintendents	Written curriculum and supporting instructional materials Embedded Assessments	2023

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## Personalized Professional Learning

Creating connected, collaborative, and continuous job embedded opportunities for staff in order to provide technology rich pathways to adult learning that will positively impact students in the classroom.

PERSONALIZED PROFESSIONAL LEARNING				
<p>Creating connected, collaborative, and continuous job embedded opportunities for staff in order to provide technology rich pathways to adult learning that will positively impact students in the classroom.</p> <p><b>Focus: Develop pathways to expand learning opportunities for educators</b></p>				
STRATEGY	RESPONSIBLE	MEASURE	YEAR	
Develop technology competencies for faculty	Professional Development and Evaluation Committee (PDEC) Curriculum Leadership Team District Tech Council	Professional Development Offerings	2024	
Integrate technology goals in regular practices related to teacher evaluation and feedback	PDEC Administrative Instruction Leadership Team (AILT)	Updated Teacher Evaluation and Feedback Plan	2024	
Create asynchronous/ synchronous pathways emphasizing professional certifications, Google Edu, Apple Teacher, Google Edu, etc.	PDEC	Certification Tool PD Catalogue	2022	
Utilize collaborative time to enhance technology integration and improve student learning experiences	PDEC	Observations Instructional Rounds Teacher & Administrator Feedback	2022	
Create benchmarks to support teacher growth with future ready skills	PDEC Curriculum Leadership Team District Tech Council	Implementation of benchmarks Integrated technology practices in classrooms	2022	

## Collaborative Leadership

Developing leadership and a shared vision across the District with cross-functional teams that align with the District Strategic Plan and to provide consistent and timely review of technology plan.

### COLLABORATIVE LEADERSHIP

Developing leadership and a shared vision across the District with cross-functional teams that align with the District Strategic Plan and to provide consistent and timely review of technology plan.

Focus: Make transparent technology decisions that include district stakeholders.

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Ensure all stakeholders are represented on cross-functional teams	Asst. Superintendent for Curriculum & Instruction Director of Instructional Technology	Committee Structures and Membership Meeting Agendas and Minutes	2022
Establish regularly scheduled technology meetings to inform to gather feedback at each building	Director of Instructional Technology Principals Assistant Principals	Meeting Agendas and Minutes Stakeholder Survey Feedback	2022
Create a means for translating technology budget into action for each level	Director of Instructional Technology Director of Information Technology	Professional Development	Annual
Create open avenues for equipment, replacements and software updates	Director of Instructional Technology Principals Coordinator of STEM & I2	Adherence to Plan Operating Budget	2022

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Articulate skills and competencies from 5th to 8th and 9th to 12th	Director of Instructional Technology Principals Team leaders	Curriculum Review and Update	2024
Create a network within Tech Council to support Tech Plan implementation	District Tech Council	Established Tech Council Processes & Subcommittees	2023
Ensure interoperability and agility of hardware and software platforms	Director of Information Technology	Network, equipment, software performance Operating Budget	Annual

## Budget & Resources

Operationalizing the District Strategic Plan by developing responsible and responsive practices that support the instructional and informational technology needs for teaching and learning.

### BUDGET AND RESOURCES

**Budget & Resources**  
Operationalizing the District Strategic Plan by developing responsible and responsive practices that support the instructional and informational technology needs for teaching and learning.

**Focus: Ensure budget is student-centered and connected to District plans.**

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Ensure expenditures are student centered and aligned to District plans and goals	Director of Instructional Technology Director of Information Technology	Operating Budget	2022
Establish and update performance cycles for budgetary accountability and planning	Director of Information Technology	Operating Budget Inventory Review	2022
Catalog available apps and tools to enhance utilization of available technology resources	Director of Instructional Technology Director of Information Technology	Web Site Review and updates	2022
Develop processes to vet educational and operational applications on a continual basis	Director of Instructional Technology Director of Information Technology	Articulated Implementation and Review Process	2022

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Allocate resources for research and development in technology	Director of Information Technology Director of Finance & Operations	Operating Budget	2023
Develop consistent funding streams	Director of Instructional Technology	Operating Budget External Funding Sources	2024
Collaborate with a cross functional team to ensure District interests are represented in the budget process	District Technology Council	Budget Review	2024

## Robust Infrastructure

Establishing and managing a secure, reliable, and dynamic technology system for effective and efficient District operations by establishing and maintaining a solid network infrastructure, formal cycles for equipment review and replacement, responsive and efficient support, consistent network connectivity and a safe network.

### ROBUST INFRASTRUCTURE

**Robust Infrastructure**  
Establishing and managing a secure, reliable, and dynamic technology system for effective and efficient District operations by establishing and maintaining a solid network infrastructure, formal cycles for equipment review and replacement, responsive and efficient support, consistent network connectivity and a safe network.

**Focus:** Continually review devices and systems to ensure that the technology meets the instructional needs of all students and the operational needs of all educators and staff within a secure and reliable infrastructure.

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Monitor bandwidth availability and connection speeds from schools and classrooms to the Internet annually	Director of Information Technology	Operational testing results (Network activity, user tech support response)	2025
Ensure network reliability and security with annual review	Director of Information Technology	Operational testing results (Network activity, user tech support response)	2022
Ensure bandwidth and network security meet testing requirements and web applications needs	Director of Information Technology District Testing Coordinator	Compatibility with CT DOE requirements	2022

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Create network redundancies to support reliability of network infrastructure	Director of Information Technology	Network reliability and activity data	2024
Maintain a standard replacement cycle for District technologies underscored by best practices	Director of Information Technology	Adherence to replacement cycle Operating Budget	2022

## Community Partnerships

Developing a cohesive and strategic communication plan to engage community stakeholders and build strategic partnerships with local businesses.

### COMMUNITY PARTNERSHIPS

#### Community Partnerships

Developing a cohesive and strategic communication plan to involve and inform community stakeholders and to build strategic partnerships with local businesses.

Focus: Developing effective communication systems, consistent branding and creating strong partnerships to promote community engagement around our schools.

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Offer parent information sessions related to technology equipment and applications	Director of Instructional Technology Principals Library Media Specialists	Parent Interest Inventory Attendance / Views Survey Feedback	2022
Increase social media use and website to support communication	Director of Instructional Technology Principals Department Chairs	Website Updates Stakeholder Feedback Social Media Presence	2022
Promote District branding across platforms to create uniform message	All administrators Central Services Staff	Develop a media package that includes logos, templates and standards for District communications.	2022
Develop digital citizenship collaboration opportunities between home and school	Director of Instructional Technology Principals Library Media Specialists	Digital Citizenship Curriculum Parent Feedback Articulated Pathways	2023
Explore opportunities for external partnerships with the community	Director of Instructional Technology Principals Coordinator of Tech Ed 6-12	New Programs / Partnerships Community Engagement Internship Opportunities	2023

## Data & Privacy

Utilizing District policies to support ethical data security practices that guide District decision making, adherence to State and federal regulations, and data-informed decision making in a transparent manner.

### DATA AND PRIVACY

#### Data & Privacy

Utilizing district policies to support ethical security practices that guide District decision making, adherence to State and federal regulations, and data-informed decision making in a transparent manner.

Focus One: Develop data privacy protocols for all student data.

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Streamline processes for software application additions	Director of Instructional Technology Principals Library Media Specialists	Articulated Process Application Use Data Review	2022
Comply with local, State, and Federal privacy data use and privacy policies	Director of Instructional Technology	Updated Policies & Practices Website Access to Information	2023
Provide training to stakeholders who share responsibility of compliance with applicable laws and cybersecurity	Director of Information Technology Director of Instructional Technology	Completed Compliance Trainings	2023

## Space & Time

Allocating instructional space and time with flexible learning environments, innovative practices, and incorporation of instructional technology to support teaching, learning and effective communication practices.

### SPACE AND TIME

#### Space & Time

Allocating instructional space and time with flexible learning environments, innovative practices, and incorporation of instructional technology to support teaching, learning and effective communication practices.

Focus: Build capacity across the district to enable flexible, anytime, anywhere learning.

STRATEGY	RESPONSIBLE	MEASURE	YEAR
Revitalize District Technology Council to explore tools, learning environments and systems to enhance vision and mission	District Tech Council	Meeting Agendas and Minutes Libraries Reimagined Course Offerings, Curriculum & Programming	2022
Support the Libraries Reimagined project incrementally as space becomes available	Director of Instructional Technology Director of Facilities Library Media Specialists	Programming Opportunities Space Usage Stakeholder Feedback	2024



**Questions / Discussion**