ACPS 2018-2023 Technology Plan Update
February 2023

The purpose of the ACPS Technology Plan is to support the division in its mission to ensure success by inspiring students and addressing barriers to learning. The Technology Plan is one component of how the division aligns work and resources to achieve that mission.

ACPS Technology Plan

Technology Goal I: Learning Environment

Create student-centered technology-rich learning environments that provide academic excellence and educational equity by encouraging creativity, critical thinking, collaboration, communication, and citizenship.

Learning Environment Results and Actions

Learning Environment Status Update

Tablets and Chromebooks increased due to the pandemic, and the 1:1 device program expanded from grades 4-12 to grades PreK-12 between 2019 and 2021. Guidance regarding Division expectations and best practices for staff and leadership with technology provided pathways for consistency across ACPS with instructional technology hardware and software. Additionally, ACPS bolstered the use of the Clever single sign on portal to streamline access to applications. Applications and

Technology Services and Teaching, Learning, and Leadership partnered to support Project Based learning, instructional specialist teams, and participated in blended learning professional development together. Instructional Technology resources are built into the ACPS curriculum guides in Canvas. Software, including but not limited to, Canvas, Nearpod, and SchoolNet provide opportunities for division-wide resource libraries.

ACPS was named a Common Sense Education (CSE) recognized division in 2019 for its use of the CSE Curriculum and family engagement. Each school is currently going through the process of renewing their status as a digital citizenship recognized school and the Division application will follow once school recognitions are completed. Parents are provided access to student information, grades, and Canvas via the PowerSchool Parent Access Portal. In 2018, Securly launched in ACPS. Securly provides parents with the tools to manage their school-provided devices at home. Through partnerships with FACE, PowerSchool access was increased and expanded to reach families of multiple languages.

Goal I Supporting Evidence

Artifact	Description	Results Impacted
Teaching and Learning with Technology Course	This Canvas course provides staff with asynchronous professional learning opportunities, lists of ACPS instructional technology and curriculum applications, support contacts, and data privacy information.	1.3, 2.1
Essential Technology Services Information for Staff 2022	This document was shared with all staff in August 2022. It outlines expectations for Canvas, updates, and calendars, and resources from the department of Technology Services.	1.2, 1.3, 2.1
ACHS Canvas Course Setup	This document is an example of a guide provided for instructional staff to support the building of their Canvas courses and provide consistency across the Division.	1.3, 1.5
Canvas Administrator Workgroup August 2020	This presentation demonstrates the collaboration between Technology Services, school administration, and Teaching, Learning, and Leadership to create Canvas practices in schools.	2.2
Curriculum/TIS Partnerships 18-19	The workgroups outlined in the document show the formalized collaboration between the Technology Integration Specialists and Instructional Specialists in ACPS.	2.2, 2.4
Elementary Canvas Workgroup 2021 Timeline	The Elementary Canvas workgroup was composed of teacher, Technology Integration Specialists, and curriculum volunteers. The focus of the group was improving the elementary Canvas experience for the 2021-2022 school year in alignment with their new Elementary Canvas Dashboard.	1.4, 2.2

Technology Goal II: Professional Learning

Provide professional learning opportunities for staff that support student-centric learning models, innovative instructional practices, and professional growth through the use of technology.

[Professional Learning Results and Actions](#)

Professional Learning Status Update

Staff were provided differentiated division-wide and school-based learning opportunities through synchronous and asynchronous models. This was achieved through the creation of the Teaching and Learning with Technology Canvas course, Virtual PLUS Learning Camp, in-house training from Technology Integration Specialists, and virtual sessions provided by vendors. Professional learning opportunities focused not only on instructional staff, but all ACPS staff.

While Covid accelerated the expansion of virtual and self-paced options, it also paused traditional in-person cohorts. In collaboration with the TLL Talent Development Team, Technology Integration Specialists (TIS) engaged in a professional learning series using the Learning Forward Standards for Professional Learning in the Fall of 2022. Utilizing skills from this professional learning, staff feedback, and reflection, the TIS team is designing future year-long cohorts and innovative models of professional learning for staff to be implemented in the 2023-2024 school year.

Goal II Supporting Evidence

Artifact	Description	Results Impacted
Teaching and Learning with Technology Course	This course is designed to support virtual, in-person, and hybrid learning. This is the one-stop-shop for staff to access materials and support related to instructional technology.	1.3, 2.1
Virtual PLUS Learning Camp	To facilitate the opening of Virtual PLUS, ACPS held a learning camp in August 2020. This was an adaptation of the in-person Blended Learning Camps held before COVID. Participation was required for all staff and all staff groups were provided with differentiated learning paths and options.	1.3, 2.1
Technology Integration Specialist in-house professional learning at the school level	Technology integration specialists assigned to each school provide on-site professional learning in a variety of ways. This includes whole staff, PLCs, and individual experiences. These experiences may be a traditional training or in the form of classroom modeling, co-teaching, and co-planning.	2.1, 2.2
School Administrator workshops April 27th agenda	School administrators received a variety of professional learning experiences. This included Canvas Workshops for principals and assistant principals. Prior to planning the workshops, principals completed a survey regarding their needs.	2.1, 2.2
Zoom Training	With the onset of virtual learning due to COVID, Zoom basics for staff was provided for all positions.	2.1, 2.2
Teacher Cohorts	Professional learning series with groups of teachers over an extended period of time focused on a variety of topics. Cohorts have been provided by TIS and outside vendors.	2.1, 2.2

Technology Goal III: Infrastructure

Provide a reliable, scalable and transparent infrastructure that facilitates the operation of the school division and supports greater access and equity.

Infrastructure Results and Actions

Infrastructure Status Update

Funds allocated for infrastructure projects during the pandemic were reallocated to purchase and support student/staff devices, home internet access and hybrid learning. With the return to in-person learning, new challenges emerged. These include reactivating dormant network equipment, an additional 4,000 devices to manage, restarting projects delayed by 18 months and continued delays with supply chain and available contract work. Infrastructure projects have become a priority and a reality through funding provided by the Elementary and Secondary Schools Emergency Relief fund. Below is a list of major completed and current projects.

Infrastructure Projects

Project Name	Status	Results Impacted
Upgraded firewall	Completed	2.3
Installed secondary content filter	Completed	2.3
Installed Distributed Antenna System (DAS) at ACHS	Completed	1.4, 2.3, 4.1
Upgraded Security for ACHS Staff and Student Network	Completed	1.4, 2.1, 2.3, 4.1
Building AP System Audit	Completed	1.4
New Helpdesk software/ticketing system	Completed	2.8
Classroom Camera Installation	Ongoing	1.2
Installation of Zoom Phones	Ongoing	4.1
Access Point Upgrades	Ongoing	1.4
PA System Replacements	Ongoing	1.4

Goal III Supporting Evidence

Artifact	Description	Results Impacted
2020 Device Distribution	Device distribution for students prek-12 in preparation for Virtual Learning.	4.1
Family Helpdesk Videos	Videos created to support students and families at home during Virtual Learning.	4.2
Family Helpdesk Forms	Request for Internet Access	4.2
Classroom Equipment	Standard equipment to support staff and students with hybrid learning.	4.1
ESSER	2021-2022 ESSER Funded IT Infrastructure Projects	4.1, 4.2, 4.4