Alexandria City Public Schools

2018-2023 Technology Plan Update

2018-2023 Technology Plan

Created in 2018, the Technology Plan guides the work of Technology Services through alignment with other departmental plans and the Division's strategic plan.

https://www.acpsk12.org/techplan/

Goal Statements

Learning Environment

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

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.

Infrastructure

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

2020-2025 Strategic Plan: Equity for All

Goal 1: Learning Environment

Creativity, critical thinking, communication, collaboration, and citizenship.

EQUITY-FOCUSED

Learning Environment Status Update

- Expanded 1:1 program to grades PreK-12 for equal access to technology across schools and grade levels. (1.1)
- Streamlined access to instructional technology software during in-person, virtual, and hybrid learning. (1.3, 1.5)
- TS and TLL collaborated to support Project Based Learning and integrating technology into the ACPS curriculum guides in Canvas. (1.2, 1.4, 1.7)
- ACPS recognized as a Common Sense Education (CSE) for use of digital citizenship curriculum and family engagement. ACPS is renewing this year. ACHS has already earned recognition this year. (1.5, 1.6)

Expansion of Instructional Devices

K-12 Classroom Devices
• Projection system or interactive whiteboard • Access to printers/copiers • Document camera • Staff laptop • AVER classroom camera* • 6 student iPads (Kindergarten only)

Student Devices	
Pre-K	Per student: • 1 assigned Chrome tablet*
Kindergarten	Per student: • 1 assigned Chrome tablet*
Grades 1-12	Per student: • 1 assigned Chromebook*

Additional devices vary based on funding by individual schools, grants, or PTAs.

Canvas Templates

ACHS Canvas Requirements 2022-2023

The requirements below apply to both the premade template and custom created homepages. *Custom-made home pages must be approved by your administrator.*

Course Navigation Menu

Your Course Navigation Menu must include the following:

- ☐ Home
- ☐ Announcements
- ☐ Modules
- ☐ Grades (Be sure to turn off final grade calculation!)
- ☐ Clever
- ☐ Online Tutoring
- ☐ Zoom

Tip: *All required Course Navigation Menu items are already enabled in the premade template (Step 3 above.) If you are not importing the template, enable the required menu items. Please note you will need to use the* ***Redirect Tool*** *to add Clever. Alternatively, you can import the template to save you those steps, and then use your own custom home page.*

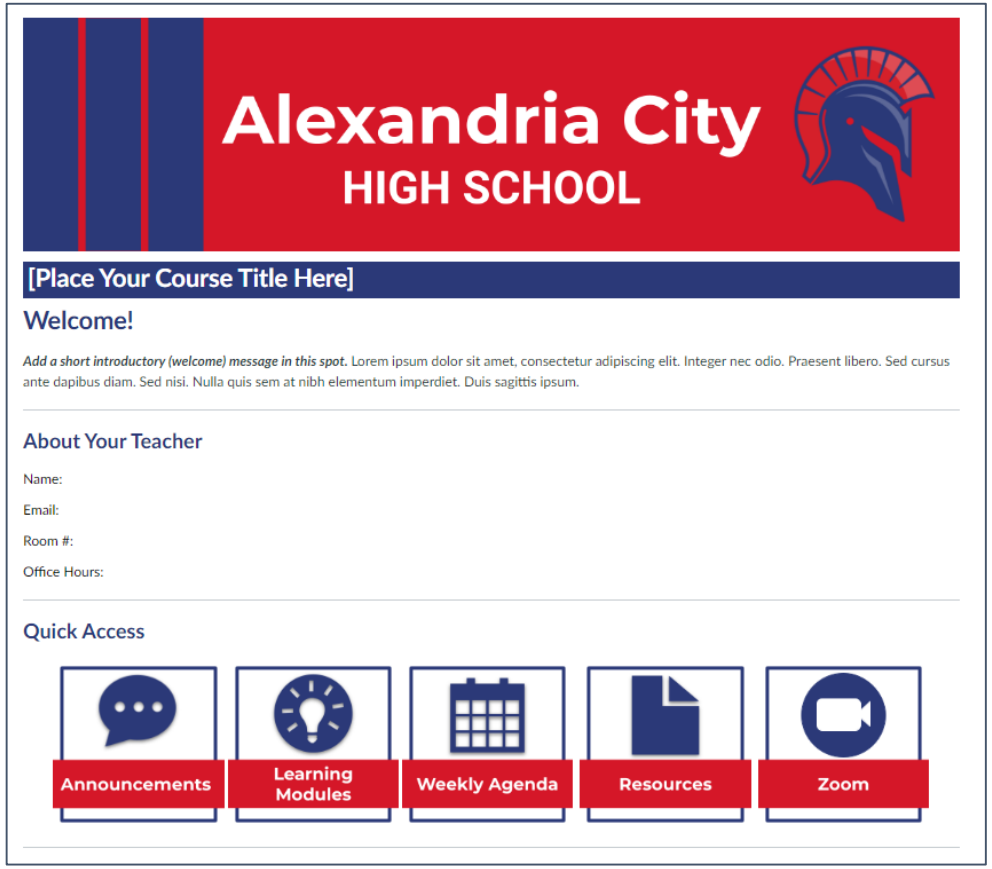
Home Page Content

Your course must open to a Home Page that includes the information below. *(How to edit a Page)*

- ☐ Course title
- ☐ Teacher name(s)
- ☐ Email and office hours for teacher and co-teacher(s)
- ☐ Room number(s)

Required Home Page Buttons (& where/how to link them)

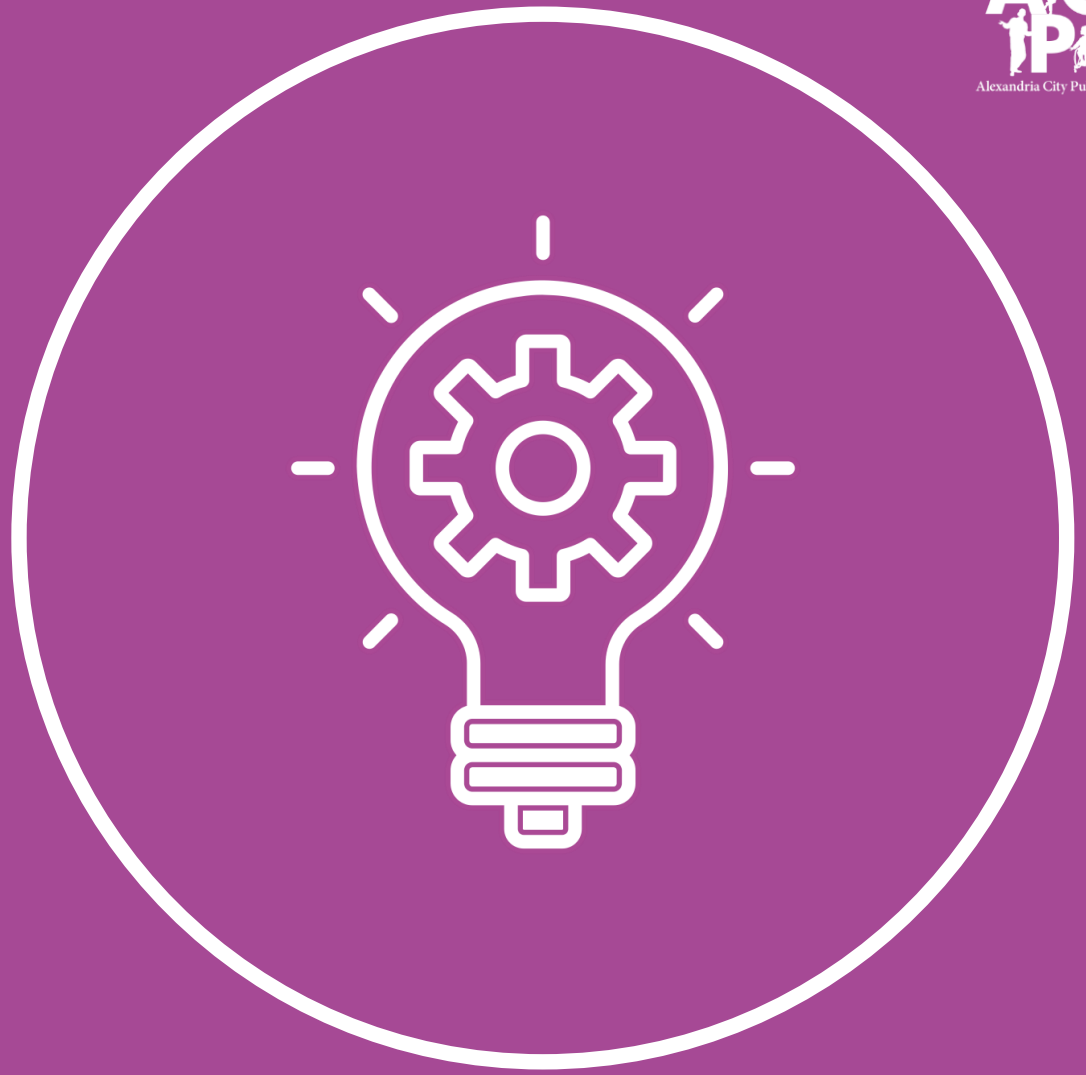
Announcements Link this to your Announcements page. Make sure the most recent announcement (1) shows on the course homepage. *(This is completed for you in the template.)* Consider posting



2020-2025 Strategic Plan: Equity for All

Goal 2: Professional Learning

Everyone, anytime, anywhere.



INNOVATIVE

Professional Learning Status Update

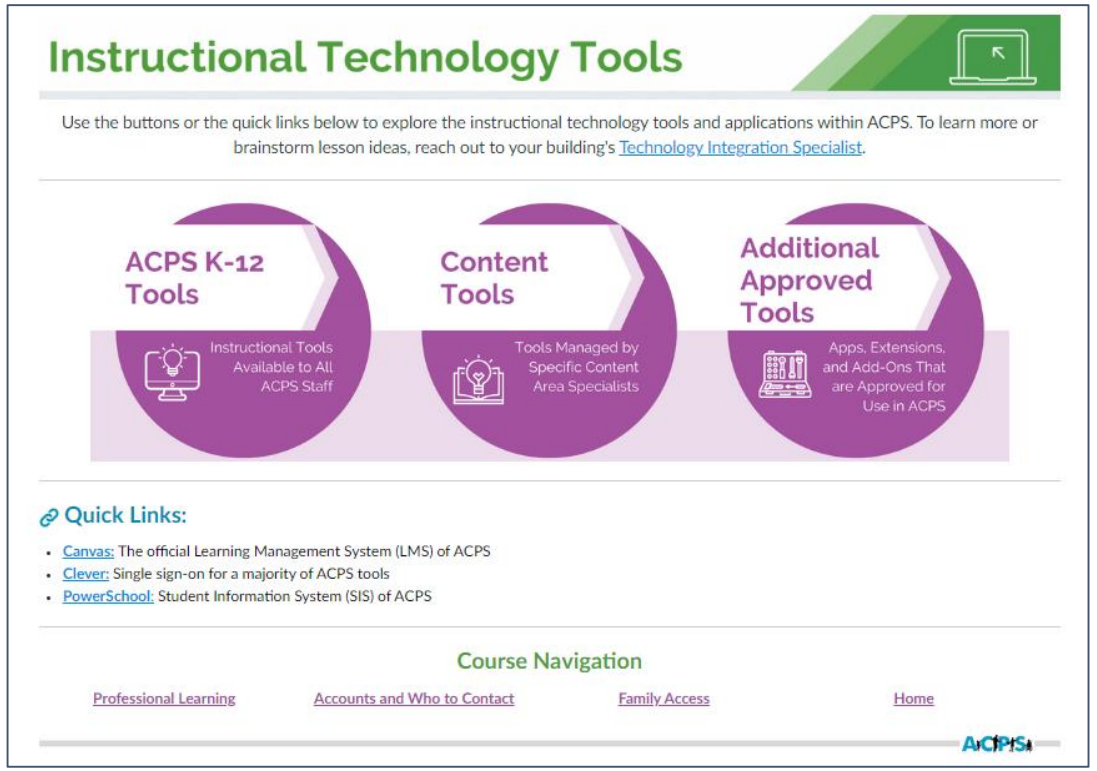
- Staff were provided differentiated division-wide and school-based learning opportunities focused on integration of technology through synchronous and asynchronous models. (2.1, 2.2)
- Covid accelerated the expansion of virtual and self-paced options. It also paused traditional in-person cohorts, providing the opportunity for redesign and innovation. (2.1, 2.2)

Teaching & Learning with Technology

- Everyone, anytime, anywhere professional learning
- Resources for instructional technology and curriculum applications to support the learning environment
- New Licensed Staff Orientation modules
- Necessary supports and resources
- Data privacy training

Navigation set up for staff to quickly find the right information at the right time, in the right place

Course Homepage



Instructional Technology Tool Types

RESULTS-DRIVEN

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
- New challenges due to COVD:
  - Increase in operational and instructional applications acquired
  - Additional 4,000 devices to manage
  - Reactivation of dormant network equipment
  - Restarting projects delayed by 18 months
  - Continued delays with supply chain and available contract work
- Infrastructure projects are currently a priority and a reality through the Elementary and Secondary Schools Emergency Relief fund

Completed* & Current Projects

- New Helpdesk software/ticketing system (3.2)*
- Building PA System Audit (3.4)*
- Upgraded Security for ACHS Staff and Student Network (3.4), (3.2)
- Installed Distributed Antenna System (DAS) at ACHS (3.4), (3.3), (3.4)
- Installation of Zoom Phone (3.4)
- Classroom camera installation (3.1)

Essential COVID Infrastructure Projects

- Provided internet access for over 2,000 students
- Created a virtual help desk to support the community in the spring of 2020
- Expanded staff and student helpdesk to provide family in-person helpdesk
- Completed over 40,000 helpdesk tickets submitted by staff and families
- Acquired applications and created systems for tracking COVID cases and daily symptoms, providing local reporting to Alexandria Health Department, collecting family preferences, and publishing a publicly viewable dashboard.

New on the Horizon

- Increased attention on cybersecurity
- Improved data privacy and security policies & practices
- New incident response plans and playbooks
- Adapting professional development to support new and future staff needs
- Wholistic data analysis of instructional tool usage

2020-2025 Strategic Plan: Equity for All

2023-2028 Tech Plan

- Valuing staff and student input, learning differently, and new models of learning
- Redesigning the operational work of the department to support our future needs
- Safety and security of student and staff data and systems

Alexandria City Public Schools

Questions?

Interim Superintendent
Dr. Melanie Kay-Wyatt

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