



Campbell County School District # 1
Superintendent: Dr. Alex Ayers

District Technology Plan January 2023 – January 2026

Adopted:
January 24, 2023

District Mission Statement
Empowering our students for success.
Vision Statement
United in excellence.

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Title: Director of Technology Education

Our vision is to empower the educational environment with technology to provide engaging experiences and meaningful content while promoting digital citizenship.

Technology Goals

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D. Objective: All students will have access to robust wireless and broadband networks.	7
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F. Objective: CCSD will have processes in place to ensure interoperability between systems and timely responses to networks and equipment failures.	7
G. Objective: CCSD will provide highly qualified technical support staff at both a district level and building level.	7

Technology Goals

Goal 1. Learning: Engage and Empower:

This plan infuses state-of-the art technologies into learning that enables, motivates and inspires all students to be active, creative, knowledgeable and ethical participants in a globally networked society.

A. Objective: **Teachers in CCSD#1 will consistently use instructional strategies that require students to apply knowledge, integrate content, and use technologies as instructional resources and learning tools addressed by utilizing the International Society for Technology in Education (ISTE®) student standards.**

- Empowered Learner: *Students will leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences.*
- Digital Citizen: *Students will recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.*
- Knowledge Constructor: *Students will critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.*
- Innovative Designer: *Students will use a variety of technologies within a design process to solve problems by creating new, useful or imaginative solutions.*
- Computational Thinker: *Students will develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.*
- Creative Communicator: *Students will communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.*
- Global Collaborator: *Students will use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.*

B. Objective: Our district will continue to provide teachers with innovative opportunities for change in instruction and methodology by implementing technology initiatives.

- (1) CCSD will promote the infusion of technology across all content areas in order to improve achievement for students in Grades K-12.
- (2) CCSD will increase student engagement, accountability and creativity while offering students the opportunity to participate in authentic work.
- (3) CCSD will increase opportunities to differentiate instruction through collaboration.
- (4) CCSD will promote experiences in Grades K-12 in meeting State of Wyoming standards.

ACTION PLAN:

Learning: Engage and Empower

Activities:

- (1) Curriculum facilitators will work with their departments annually in revising and adopting content standards and assessments that reflect 21st Century Competencies as well as the mastery of our adopted State Standards.
- (2) Building staff will work as a Professional Learning Community (PLC) in designing and revising content and assessments that measure students' success on the ISTE standards (listed above) and the ISTE Educator standards (listed below):
 - Learner: *Educators continually improve their practice by learning from and with others and exploring proven and promising practices that leverage technology to improve student learning.*
 - Leader: *Educators seek out opportunities for leadership to support student empowerment and success and to improve teaching and learning.*
 - Citizen: *Educators inspire students to positively contribute to and responsibly participate in the digital world.*
 - Collaborator: *Educators dedicate time to collaborate with both colleagues and students to improve practice, discover and share resources and ideas, and solve problems.*
 - Designer: *Educators design authentic, learner-driven activities and environments that recognize and accommodate learner variability.*
 - Facilitator: *Educators facilitate learning with technology to support student achievement of the ISTE Standards for Students.*
 - Analyst: *Educators understand and use data to drive their instruction and support students in achieving their learning goals.*

- (3) CCSD#1 will continue to support its technology initiatives for students in Grades K-12. These resources provide opportunities to increase student engagement with 21st Century classroom activities. Classroom instructors will utilize these resources to discern the instruction while addressing the content standards.

Evaluation:

- ❖ All curriculum alignment will be articulated within the District Assessment System.
 - [Curriculum Content Areas](#)
 - ❖ All District Student Performance Assessments (DSPAs)/Common Interim Assessments will be entered into PowerSchool.
 - [CCSD#1 District Assessment Overview](#)
 - ❖ Student performance on assessments will demonstrate proficiency of these objectives.
 - [District Strategic Plan and Goals](#)
 - ❖ Distribution of resources provided in the district technology initiatives.
- CCSD will maintain a minimum of 1:1 (student:student devices) at each building level -
 - Elementary schools will utilize Apple iPads with an introduction to various laptop and desktop devices.
 - Secondary schools will utilize chromebooks with opportunities to use iPads, laptop and desktop devices available for student usage.
 - CCSD schools will maintain up-to-date technology to integrate into content areas.

Goal 2. Staff Development: Prepare and Connect:

Professional educators will be supported individually and in teams by technology that connects them to data, content, resources, expertise and learning experiences that enable and inspire more effective teaching for all learners.

A. Objective: **CCSD#1 will ensure that educators are provided with professional development opportunities to explore and apply pedagogical approaches and learning opportunities made possible with the integration of technology in the classroom for productivity, engagement, differentiation and assessment.**

- (1) CCSD will provide and create professional development that focuses on pedagogy and technology, and assures that educators have the skills to use technology in an instructionally sound and effective way.
- (2) CCSD will build capacity by offering professional development in online and face-to-face formats.

- (3) CCSD will support our technology initiatives to ensure that technology is seen not as another initiative but as being integral to the curriculum.

B. Objective: Campbell County School District will provide online and face-to-face learning opportunities for staff.

ACTION PLAN:

Prepare and Connect

Activities:

- (1) Provide opportunities for CCSD#1 staff to have access to technology-based content, resources and tools.
- (2) Provide preservice and inservice educators with professional learning experiences powered by technology to increase their digital literacy and enable them to create compelling assignments for students that improve learning, assessment and instructional practices.
- (3) Provide professional development in-services supporting current educators participating with district technology initiatives.
- (4) CCSD#1 will refer to the Wyoming Department of Education - Wyoming's Digital Learning Plan's Findings and Recommendation (section 2) for guidance when completed by WDE [click here](#).

Evaluation:

- ❖ The number of staff participating in professional development opportunities.
- ❖ New opportunities for staff advancement from various professional development opportunities offered by the district.

Goal 3: Assessment: Evaluate and Improve:

Our district will use technology in designing curriculum and assessments as well as in capturing, aggregating, mining and sharing data with our stakeholders.

A. Objective: **Our district will design and implement systems that give students, educators and other stakeholders timely actionable feedback about student learning and instructional practices.**

B. Objective: **Our district will integrate technology in the design of curriculum and assessments to ensure that vertical and horizontal alignment are maintained and enhanced.**

C. Objective: **Our district will use reporting tools to assist in meeting continuous improvement goals.**

ACTION PLAN: Evaluate and Improve

Activities:

- (1) Information will be shared through district and building reports to the Board.
 - Reports available on board agendas.
- (2) The CCSD Strategy Plan and Monitoring Document
 - [Strategic Plan](#)
 - [Monitoring Document](#)
- (3) Student DSPA/CIA scores will be pulled by each school to establish and determine if school improvement goals have been met.

Evaluation

- ❖ All District Student Performance Assessments (DSPAs)/Common Interim Assessments will be entered into PowerSchool.
 - [CCSD#1 District Assessment Overview](#)
- ❖ Student performance on assessments will demonstrate proficiency of these objectives.
 - [District Strategic Plan and Goals](#)

Goal 4. Infrastructure: Access and Enable:

All students and staff will have access to up-to-date infrastructures and resources when and where they need it.

A. Objective: **Students with disabilities will be provided access opportunities through the use of assistive technology.**

B. Objective: **All students will have access to cloud computing.**

C. Objective: **All students will have an opportunity to utilize a wide range of devices.**

D. Objective: **All students will have access to robust wireless and broadband networks.**

E. Objective: **CCSD will audit for appropriate levels of security, network filtering and privacy throughout our systems.**

F. Objective: **CCSD will have processes in place to ensure interoperability between systems and timely responses to networks and equipment failures.**

G. Objective: **CCSD will provide highly qualified technical support staff at both a district level and building level.**

ACTION PLAN:

Access and Enable

Activities:

- (1) Students with disabilities will have the opportunity to utilize technology to access their classroom curriculum and daily routines.
- (2) All students in Grades JK-12 will be given a G Suite for Education account and will be provided opportunities to use the account for the duration of their enrollment within Campbell County School District.
- (3) Students in Grades 7-12 will also have access to approved Google Apps Core Services and Additional Services.
- (4) Students will learn how to collaborate, produce and publish their learning using the G Suite for Education Apps.

- (5) Schools will develop building tech plans. Building technology teams will develop a multiple year plan to focus on modernizing, maintaining, and replacing building technology for students to use for classroom instruction, assessment and innovation.
- (6) The district will establish a replacement plan for routers, switches, uninterrupted power supplies, access points and fiber/wiring based upon the life-span of the equipment and the financial resources made available by the district's ed plan process.
- (7) The district's wiring and wireless network will be updated when possible.
- (8) The district will work with E.T.S. to increase its connectivity as traffic increases.
- (9) CCSD will establish, review and update Technology Policies to secure the system.
- (10) Firewalls, security filters and practices will be provided to protect CCSD from threats, data leaks, and comply with the Children's Internet Protection Act (CIPA) while providing access to comprehensive educational databases and resources.
- (11) CCSD will comply with federal mandates for securing FirstClass, the official email system, and retrieval of electronic messages.
- (12) The district will manage devices, allowing district management, while assisting educators in ensuring effective, secure and successful student learning.
- (13) The district will attempt to block and prevent unauthorized access to CCSD networks by blocking and implementing practices of preventing incoming information that are unsafe and a threat to the system.
- (14) CCSD will monitor the network traffic and alert of outages, unauthorized devices and software.
- (15) All purchase orders for technology, computers and network equipment will be placed through the Technology Office and reviewed by the Director of Technology Education to ensure interoperability.
- (16) Technology staff will be provided opportunities for further professional development.

Evaluation:

- ❖ Assistive technologies will be evaluated annually by the student's IEP team.
- ❖ Students utilize the provided and managed accounts from the district.
- ❖ Multiple year technology plans are submitted by the building's technology committee annually with a focus on managing, utilizing and maintaining the building's technology equipment.
- ❖ The network is operational with limited disruptions caused by the infrastructure.
- ❖ Board approved policies will be completed to address district technology, its usage, security, access and practices.
- ❖ Security breaches will be minimal and action will be taken to prevent students from accessing inappropriate sites.
- ❖ No technologies will be ordered without the Educational Technology departments review as per policy.

Appendix A

Current CCSD Technology Policies

Policy 3000s - Fiscal Management

[Policy 3320 - Purchasing
3320 Regulation](#)

Policy 7000s - Technology

[7100 - Technology](#)

[7100 R - Section 1, Student Resource Access](#)

[7100 R - Section 2, Filtering and Monitoring](#)

[7100 R - Section 3, Technology Acceptable Use](#)

[Staff Technology Acceptable Use Agreement](#)

[Student Technology Acceptable Use Agreement](#)

[7200 - Technology Security](#)

[7200 R - Section 1, Network Security](#)

[7200 R - Section 2, Data Backup and Storage](#)

[7200 R - Section 3, Access Control](#)

[CCSD System Access Request](#)

[7200 R - Section 4, Remote Access](#)

[7200 R - Section 5, Encryption](#)

[7200 R - Section 6, Password Management](#)

[7200 R - Section 7, Audit Controls](#)

[7200 R - Section 8, Automatic Logoff](#)

[7200 R - Section 9, Email Security](#)

[7200 R - Section 10, Workplace Security](#)

[7200 R - Section 11, Portable Devices](#)

[7200 R - Section 12, Access Authorization](#)

[7200 R - Section 13, Technology Access Upon Employment Conclusion](#)

Federal Acts/Rules

Children's Internet Protection Act

[CIPA](#)

Children's Online Privacy Protection Rule

[COPPA](#)

Policy 5000s - Student

[\(Student Policy #5276- Anti-Bullying Policy\)](#)

Appendix B

CCSD Building Network and Inventory Information

(1) Building Maps - See Ed Tech Dept for information

(2) [Building Inventory](#)

Inventory is updated through the school year - this information is based upon the reported inventory as of October 2022.

The district has also adjusted the required tagged items over the years, so items that were once asset tagged may not be required for future purchases by the purchasing office- See district current [Fixed Asset Inventory Policy 3310R](#).