

# Alpha Academy Digital Learning Plan

## Introduction

Alpha Academy is committed to providing a transformative educational experience by integrating digital learning into all aspects of our curriculum and instruction. This Digital Learning Plan is designed to outline our vision, strategies, and actions to create a student-centered, technology-enhanced learning environment that prepares our students for success in a digital world. By focusing on leadership, human capacity, curriculum, data privacy, and infrastructure, we will ensure our students have the skills, knowledge, and experiences needed to thrive in an ever-changing global landscape. Through continuous evaluation and improvement, we commit to providing an equitable and transformative educational experience for all our students.

## 1. Leadership and Vision

### 1.1 Shared Vision

**Objective:** Establish and communicate a shared vision for digital teaching and learning with all stakeholders.

**Strategies:**

- **Develop Vision:** Engage a diverse group of stakeholders, including teachers, administrators, students, parents, and community members, to create a comprehensive vision for digital learning.
- **Communicate Vision:** Utilize various communication methods, such as meetings, newsletters, and the school website, to share the digital learning vision with all stakeholders.
- **Incorporate Vision:** Ensure the digital learning vision is an integral part of Alpha Academy's strategic plan and school improvement plan.

### 1.2 Planning and Implementation

**Objective:** Effectively plan and implement action steps to carry out the shared digital teaching and learning vision.

**Strategies:**

- **Create Action Plan:** Develop an action plan that includes data analysis of previous initiatives, current plans, and future objectives.

- **Stakeholder Involvement:** Form a diverse team of stakeholders to evaluate and refine the action plan based on relevant data.
- **Continuous Evaluation:** Regularly assess the implementation of the action plan and make necessary adjustments to ensure continuous improvement.

## 2. Human Capacity

### 2.1 Professional Learning

**Objective:** Ensure all staff have continuous access to quality professional learning for ongoing growth.

**Strategies:**

- **Professional Development:** Provide professional learning opportunities in digital teaching and learning for all staff, including leaders, administrators, teachers, and technicians.
- **Personalized Learning:** Offer personalized professional development that includes active learning, coaching, feedback, reflection, and choice.
- **Data-Driven Decisions:** Use data to design job-specific professional learning opportunities that meet the needs of staff.

### 2.2 Access to Specialists

**Objective:** Provide consistent and equitable access to Instructional Technology Facilitators and School Library Media Coordinators.

**Strategies:**

- **Staffing:** Ensure a full-time Instructional Technology Facilitator and a School Library Media Coordinator are available at each school location.
- **Flexible Scheduling:** Implement flexible schedules for these roles to maximize their support and impact on teaching and learning.

### 2.3 Technical Support

**Objective:** Ensure technical staff are available to effectively support all staff and students with minimal disruptions.

### Strategies:

- **Technical Staffing:** Maintain a ratio of one technical support staff member for every 800 devices.
- **Timely Support:** Ensure an average wait time for repair tickets to be assessed and serviced is 24 hours or less.
- **Professional Learning:** Provide professional learning and a strategic, data-driven professional learning network for technical staff.

## 3. Curriculum, Instruction, and Assessment

### 3.1 Digital Content

**Objective:** Ensure all staff have access to and use digital content that aligns with curriculum and assessment expectations.

### Strategies:

- **Resource Accessibility:** Ensure 100% of digital resources meet accessibility needs of students.
- **Interoperability Standards:** Document and adhere to interoperability standards for all digital resources.
- **Sustainability Plan:** Develop a fully funded sustainability plan for all digital learning resources.
- **Continuous Review:** Implement a documented and continuous review process for digital resources, including usage data analysis and impact assessment.

### 3.2 Supplemental Resources

**Objective:** Provide access to supplemental resources through physical and digital collections.

### Strategies:

- **Library Collection Plan:** Create a documented library collection plan supported by sustainable funding and stakeholder input.
- **Training:** Offer training to all stakeholders on how to access and utilize digital and print resources available through the library collection.
- **Continuous Review:** Maintain a documented and continuous review process for supplemental learning materials.

### 3.3 Mastery of Digital Competencies

**Objective:** Ensure all staff demonstrate mastery of the NC Digital Learning Competencies.

**Strategies:**

- **Instructional Framework:** Adopt an instructional framework that supports blended and personalized learning.
- **Professional Learning:** Provide professional learning aligned with the NC Digital Learning Competencies for Administrators and Teachers.
- **Continuous Review:** Regularly review resources that support personalized and blended learning to ensure their effectiveness and alignment with curriculum standards.

### 4. Data Privacy and Cybersecurity

#### 4.1 Align Policies and Procedures

**Objective:** Align data privacy and cybersecurity policies with current best practices and federal and state laws.

**Strategies:**

- **Policy Development:** Create and align data privacy and cybersecurity policies with current best practices and relevant laws.
- **Professional Learning:** Offer professional learning opportunities to ensure staff understand and implement data privacy and cybersecurity policies.
- **Annual Review:** Conduct a documented yearly refresh and review cycle for data privacy and cybersecurity policies.

#### 4.2 Continuous Improvement

**Objective:** Implement a process for continuous improvement of data protection and risk management.

**Strategies:**

- **Sustainability Plan:** Ensure all data privacy and cybersecurity resources are part of a fully funded sustainability plan.
- **Risk Assessment:** Establish a data privacy and cybersecurity team that meets regularly to assess risks and conduct mock security drills.

- **Improvement Process:** Develop a documented continuous improvement process that includes role-based permissions, incident plans, and professional learning needs.

#### 4.3 Stakeholder Education

**Objective:** Provide and communicate professional learning around cybersecurity and data privacy.

**Strategies:**

- **Awareness Campaigns:** Launch training and awareness campaigns focused on data privacy and responsible use for all stakeholders.
- **Family Education:** Include families in cybersecurity and data privacy education to ensure comprehensive understanding and practices.

### 5. Technology, Infrastructure, and Devices

#### 5.1 Functional Technology

**Objective:** Equip learning spaces with appropriate, functional technology to facilitate student growth and learning.

**Strategies:**

- **Resource Allocation:** Provide resources and professional learning to equip learning spaces with modern technology.
- **Data Analysis:** Collect, analyze, and share data around hardware access for students to inform action plans.
- **Sustainability Plan:** Develop a fully funded and sustainable refresh and review plan for all hardware and software.

#### 5.2 Infrastructure Support

**Objective:** Ensure all schools have the infrastructure to support digital teaching and learning.

**Strategies:**

- **High-Speed Internet:** Provide high-speed internet and digital resources with less than 5% disruption of service.
- **E-Rate Support:** Offer resources and professional learning for E-Rate to maximize infrastructure support.

- **Continuous Improvement:** Maintain a documented continuous improvement process for infrastructure needs, including inventory and professional learning for technical teams.

### 5.3 Internet Access

**Objective:** Ensure students and staff have appropriate access to the internet at school and home.

**Strategies:**

- **Off-Campus Access:** Collect and analyze data on internet access for students at home and develop partnerships to enhance connectivity.
- **Action Plans:** Use data to inform PSU action plans and ensure students have consistent access to high-speed internet.
- **Resource Provision:** Provide resources to maximize learning experiences for students both at school and at home.