

# Tech Plan

Technology Committee 2022-2025

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The district wide technology committee meets regularly to evaluate this plan.

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This plan will be reviewed and updated on an annual basis.

## **Mission Statement**

The Mission of the Oxford Academy and Central School District is to develop self-directed learners who are able to make intelligent choices and contribute positively to society.

## **Vision Statement**

It is the vision of Oxford Academy and Central School District to use technology to engage all students in a stimulating academic environment providing opportunities for personalized learning that is student-centered, and to foster responsible digital citizenship in our students and staff.

Specifically, we envision that technology is available and effectively supported for all students and staff:

- To provide global access to information
- To meet the curricular needs of all learners
- To refine critical thinking skills and foster creativity
- To provide a medium for expression and communication
- To collect, access, and share student achievement data
- To provide skills and proficiencies necessary for students' future careers or higher education
- To provide guidance on students' digital footprint, which online sources they can trust, and how to apply their skills to pursue their passions and contribute positively to society.

## District Goals

**Goal 1:** Using digital tools (IXL) to increase Math and ELA Scores at the Primary level.

<b>Category</b>	<b>Description</b>	<b>Stakeholder</b>	<b>Completion</b>	<b>Cost</b>
<b>Purchasing</b>	<b>Purchase site license of IXL for ELA &amp; Math</b>	<b>Director of Technology</b>	<b>July 2022</b>	<b>3500</b>
<b>Professional Development</b>	<b>Training will be classroom teachers to implement this program</b>	<b>Building Principal</b>	<b>September 2022</b>	
<b>Implementation</b>	<b>Teachers will implement in their classrooms. Students will be periodic benchmarking to assess skills</b>	<b>Teachers</b>	<b>June 2024</b>	
<b>Evaluation</b>	<b>Analyze and compare the data in IXL with NYS ELA and Math 3-4 State test scores for growth and improvement.</b>	<b>Building Principal</b>	<b>December 2024</b>	

**Goal 2** Students will attain Google Suite proficiency by the end of 6th grade

<b>Category</b>	<b>Description</b>	<b>Stakeholder</b>	<b>Completion</b>	<b>Cost</b>
<b>Collaboration</b>	Teacher will meet with grade level teachers to determine their needs.	Classroom Teacher	July 2022	
<b>Planning</b>	Teacher will create a plan to address the needs of students to prepare them to use the Google Ed Suite in their core classes	Classroom Teacher	September 2022	
<b>Implementation</b>	Implementation will take place in 5th & 6th grade Tech & Computer Class	Classroom Teacher	June 2024	
<b>Evaluation</b>	Evaluation the success of instruction and make adjustments as needed.	Classroom Teacher	June 2024	

**Goal 3:** Help students to actively manage digital presence and footprint to reflect an understanding of the permanence and potential consequences of actions in online space as outlined in the NSYED 9-12.DL.6 Computer Science and Digital Fluency Standards.

<b>Category</b>	<b>Description</b>	<b>Stakeholder</b>	<b>Completion</b>	<b>Cost</b>
<b>Collaboration</b>	<b>HS depts will collaborate to create a plan on helping students realize the impact of their online choices</b>	<b>HS Faculty</b>	<b>July 2022</b>	
<b>Planning</b>	<b>ELA faculty will develop a unit to accomplish this goal</b>	<b>Classroom Teacher</b>	<b>June 2023</b>	
<b>Implementation</b>	<b>ELA Dept will add this unit to their curriculum</b>	<b>Classroom Teachers</b>	<b>June 2025</b>	
<b>Evaluation</b>	<b>Through class discussions and the essay at the end of the unit we will evaluate the success of implementing this goal</b>	<b>Classroom Teachers</b>	<b>June 2025</b>	

## **NYSED Initiatives Alignment**

Oxford Academy will use instructional technology to improve and augment student performance by supporting rigorous academic standards, providing enrichment for high achieving students, and providing instructional support and scaffolding for students with special needs. In addition, all students will be exposed to and develop skills in various devices and software to achieve mastery in their core classes, career related skills, digital citizenship practices, and ethical use of technology in the 21st century. Overall, technology at Oxford Academy is to support and extend our rigorous academic standards and to help fulfill the district's mission and vision of creating self-directed learners who make intelligent choices and contribute positively to society.

Students will become technologically proficient by receiving direct and indirect instruction in the appropriate use of technology. Students will receive training in integrated software suites in order to produce, consume, and evaluate various types of media including, but not limited to, word processing documents, spreadsheets, databases, presentations, videos, and more. Additionally, students will receive training in how to use the internet and online library resources for research and self-directed learning opportunities.

Technology at Oxford Academy will also be used to support our special needs community through the use of accessibility options on various devices used in our district (iPads and Chromebooks) in order to help struggling and special needs students be competitive with their peers. Students with disabilities will be assigned technology based on their individual needs.

Finally, the district will continue to develop its capacity for on-line and blended learning, and make that a more integral part of classroom instruction as well as professional development.

## **Professional Development**

In addition to the district technology committee and district Technology Coordinator, our district has a district-wide technology coach (teacher leader) who is tasked with providing support and training for current educational technology and software for the classroom. The Technology Coordinator and technology coach are responsible for surveying staff to develop training and resources to assist faculty and staff with implementing educational technology and software in the classroom.

Currently our technology professional development plan includes the following services:

- Ongoing educational technology updates through email newsletter & monthly faculty meetings.
- Ongoing technology training during superintendent's conference days and other staff development days during the school year.
- Ongoing workshops and technology training sessions where we offer the following training:
  - Promethean Board Training
  - PowerSchool, PowerTeacher, AIS Edge, Cleartrack, OASYS.
  - eSchool teacher website creation
  - Google Education Suite
  - Other Apple, Google, and Microsoft productivity and media production software.
- NYSCATE semi-annual conference attendance by technology teacher leader and other members of the committee.
- BOCES (BT & DCMO) workshops, Model Schools, and other content area specific trainings to implement and incorporate best practices using a wide range of technology.

### **Evaluation**

The intent of technology in education is to improve instruction, increase student achievement, and ensure our students are technologically literate. To achieve this goal, the district will use the following tools to measure the effectiveness of the integrated curriculum:

- Students' work will show evidence that they have met the instructional technology competency standards for their grade level that are outlined in this plan.
- Students will meet or exceed the New York State proficiency on standardized tests.
- Technology will be integrated in all instructional areas.
- Information and resources will be shared at committee or faculty meetings.
- A needs assessment will be conducted annually by the technology planning committee, based on the results of the staff survey to address the district needs.

The district technology committee will regularly assess the district's progress on its technology goals by focusing on 1-2 goals at each technology meeting. Progress toward these goals will be measured through quarterly and yearly staff and student surveys. The results and feedback of these surveys will be discussed at monthly technology committee meetings and administrative meetings to ensure that our district is meeting our overall technology goals.

### **Administrative Management Plan**



The district has one full-time staff member that works on District Technology Leadership, Instructional Support, and Technical support. We also have one full-time DCMO Boces support technician.

Technology Plan Budget  
Estimated Annual  
Expenditures 2022-2025

State Aided Software:	\$ 12,000
State Aided Hardware:	\$ 15,000
BOCES Technology Hardware IPA:	\$105,000
Professional Development and Training:	
BOCES PD and Conference Attendance	\$ 3,075

Continue to purchase/evaluate software to align with and support UPK -12 curricula.

Invest in new technologies for interactive classrooms.

Replace servers (as needed).

Continue with 1-1 technology for students.