

SALEM CENTRAL SCHOOL DISTRICT

# Technology Plan

---

July 2015



## **Instructional Technology Plan**

### **A. LEA Information**

1. Total enrollment - 533
2. Enrollment by grade K-2 = 115    3-5= 108            6-8= 126            9-12= 184
3. District Administrator entering the tech plan data: Dr. David J. Glover
4. Title of the administrator entering the plan: District Superintendent

### **B. Instructional Technology Vision and Goals**

1. District Mission statement (100 words)

All students graduating from Salem Central School will be prepared for the ever-changing technological demands they will encounter in their futures. These demands may be occupational, educational, and personal. The Salem Central School District will provide, both at the elementary and secondary levels, a positive and supportive environment for students, faculty and staff to promote the use of computers and related technology in the education process. Computer technology will be used as a tool to enhance learning throughout the entire curriculum.

2. Executive summary of Plan, Vision and Goals (500 words)

The district will create a shared vision, mission and goals which promotes learning through the utilization of current technologies for best practices in instruction. The district will develop a school culture of digital age learning that promotes student achievement and staff professional development; that clearly identifies applied uses of technology along with basic skills. The district will promote and maintain excellence in current educational practices while implementing digital media, tools and resources. The district will implement programs that ensure all students and staff practice the highest level of safe, legal and ethical use of technology, while communicating and collaborating with others. The district will promote the improvement of technology resources through facilitating partnerships to support operational needs and academic goals.

3. Planning Process used to develop the Technology plan (500 words)

Technology Plan Development Meetings

Date	Purpose	Participants/ Stakeholders	Outcome
Summer 2015	Gather data and input from instructional staff to assess technology needs	All K-12 instructional staff, technology team	Provide the district with a clear picture of instructional needs in the school
Spring 2016	Survey and evaluate instructional staff to determine if technology needs have been met and what technology needs are still required	K-12 staff 5th -12th students	Provide the district with a clear picture of what technology needs were met and what needs still exist
Fall 2015 Winter 2015 Spring 2016	Meeting with Parents and Community members to collect data and input from to assess technology needs and uses	PTA, Parents, Technology team	Provide the district with a clear picture of what technology needs were met and what needs still exist
Fall 2015	Survey students to gather data and input from students to assess technology needs.	5th- 12th	Provide the district with a clear picture of technology needs in the school
Spring 2016	Survey Students	5th-12th	Provide the district with a clear picture of what technology needs were met and what needs still exist
Sept 2015-June 2016 Monthly	Monthly meetings to assess, and improve, the implementation of the technology	technology team (teachers, library specialist, administration, special education)	consistent use of technology to improve student achievement and improve instructional use of technology

4. Source of Gap between current level of technology and stated vision and goals:

- Connectivity
- Access Points
- Professional Development
- Device Gap
- Staffing

5. Top three challenges causing the Gap: (100 words)

The top three challenges causing the gap are a lack of funding priority, lack of foresight in developing a plan to accommodate new wireless devices, and lack of professional development opportunities.

**B. Technology and Infrastructure Inventory**

1. Bandwidth

Network Broadband Bandwidth	Min. Capacity	Max Capacity
WAN	40 MB	40MB
LAN between buildings	1 GB	1 GB
LAN Within Building	100 MB	1 GB

2. Contracted internet access for your district - 40MB

3. Agency or Vendor providing internet access - Time Warner

4. Wireless Protocols:

- 802.11a      available
- 802.11b      available
- 802.11g      available      in use
- 802.11n      available      in use

5. Wireless access points - Yes    5a. 75 percent

6. Wireless controller – Yes

7. Port speed on switches Less than 5 years – 0

8. 0

9. Students with disabilities Total classified k-12 for both on-site and out of district is 83. Of that 14 receive assistive technology to equal 16.8%

10. Technology needs assessment (250 words)

- Professional Development for all educational providers concerning effective uses of technology with emphasis on “low” and “mid-level” technologies.
- Need for an increase in diverse technologies to enhance differentiated instruction in the form of software, apps, etc.
- Increase availability of assistive technology such as, increase FTE devoted to assistive technology to make assistive technology pro-active in addition to being reactive.

11. Peripheral devices less than 5 years old

- iPads - 33
- Smart Boards - 25
- Projectors - 49
- Printers - 28
- Copiers - 7
- Cameras - 17
- Scanners – 1

12. Other peripherals – 15

13. Asset inventory tagging system – Yes

14. BYOD allowed – No

15. Loan of instructional hardware for nonpublic schools - Not applicable

#### **D. Software and IT Support**

1. Operating Systems - Windows XP - yes Windows 7 – yes Apple IOS 7 - yes
  2. Other OS systems -
  3. Web Browser available and supported - IE9 or greater and Chrome
  4. Other web browser(if other response to question 3) -
  5. Learning management systems most commonly used School tools
  6. Instructional Software that support classroom instruction - SMART Notebook, Brain Pop, Microsoft office, STAR Assessments
  7. Most Frequently used databases - BookFlix, SIRS Discoverer, World Book Online, Groliers Encyclopedia, CultureGrams
  8. Parent Portal - Yes. Attendance, Homework, Student Schedules, Grade reporting
- 8b.

9. Technology based strategies besides parent portal used to increase parent involvement – District Website, Facebook, Twitter

9a. other -

10. List title and FTE of staff whose primary responsibility is technical support  
WSWHE BOCES IT technology support 1.5 FTE

### **E. Curriculum & Instruction**

1. Connectivity and technology to improve teaching and learning? (250 words)

Smart Board technologies with specialized software, Subscriptions to online sources, modernization of instructional software, social media Mobile laptop carts, wireless hotspots, Distance learning lab.

2. Does the plan address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments? Yes.

2a. If yes, please specify. (250 words)

Yes, there is equal access to instruction, materials, and assessments for both classified and unclassified students. The district's two Speech and Language Therapists conduct assistive technology screenings and evaluations upon request from the CSE or individual classroom teachers. The majority of classified students receive special education services in integrated classes. Technological offerings are available to all students in these environments. Assistive technology providers are accessible to all of the districts educators for consultation and creation of adaptive measures for instructional purposes.

3. Does the plan address provision of assistive tech for students with disabilities to ensure access and participation in general curriculum? Yes.

3a. If yes, provide detail (250 words)

In the CSE's creation of Individual Education plans the question of need for Assistive Technology is always raised. If it is determined that there would be educational benefit from the use of technology, a given device may be used both in school and at home, or in other settings, when physically possible. IEPs are implemented within the prescribed time frames. (200.4(d)(2)(v)(b)(6), 200,4(d)(3)(v), 200.4(e).

### **F . Professional Development**

1. Summary of PD offered, time period covered by this plan, to support and enhance teaching and learning. Include topics, audience, method. (500 words) Professional development is offered to all Faculty and staff during monthly after school workshops. The workshops are conducted by technology companies / Vendors or experienced staff members. Topics include, but not limited to: Chromebooks, Google Apps, Google classroom, teacher website creation, the Star program, Smart Notebook, and any other technology the district wants staff trained on.

2. Please list title and FTE of staff whose primary responsibility is tech integration and support for teachers:(500 words):

Technology Support Coordinator is currently a stipend position in the District. In addition, the District purchases technical support, including model schools professional development, from BOCES.

**G. Technology Investment Plan**

1. List the top 5 planned technology investments in priority order over the next three years:

	Item or Service	Estimated cost	One-time or annual	Potential Funding
1	Infrastructure Upgrades (Switch Upgrade,Wired/Wireless Infrastructure)	\$125,000	One-time	E-Rate General Fund REAP
2	Update of end user equipment	\$25,000	Annually	REAP General Fund
3	Courseware for student enrichment/enhancement	\$15,000	Annually	Title General Fund
4	SMART Boards	\$300,000	One-time	SmartBond Funding General Fund
5	Safety/Security Upgrades	TBD	One-time	Building Project SmartBond Funding

2. If other please specify (250 words)

## **H. Status of Technology Initiatives and Community Connectivity**

1. Check developments since your last plan that effect current status of tech initiatives:

- Changes in enrollment
- Changes in staffing
- Changes in Funding
- Technology plan implementation
- Computer based testing
- Developments in technology
- Changes in legislation

1a. Specify Other:

2. Plans to increase student and teacher access to technology in school, at home, and in the community (250 words)

The District is working to increase the wireless access around the district by working with the wireless companies that service the area. Students will have access to appropriate devices to sign out to use at school or home as needed.

3. Wi-Fi service within District's geographical boundaries:

School

Community

3a. Identify categories of available Wi-Fi locations with the community (if community is checked in #3)(250 words)

Bancroft public library

### **I. Instructional Technology Plan Implementation**

Please provide a timeline and major milestones for the implementation of the technology plan as well as the action plan to integrate technology into curriculum and instruction to improve student learning. (500 words).

- The summer of 2015 all of the upgrading of cabling, access points, and network servers will be done. Ninety Chromebooks will be purchased and in place by September.
- Fall 2015 the website will be upgraded, Virtual High school will be available, and Monthly training workshops will begin.
- Spring 2016 collection of technology survey data, technology plan evaluation by stakeholders (community members, students, staff, administration, and parents)provide appropriate professional development to improve student achievement.



**J. Monitoring and evaluation**

1. The proposed strategies Salem CSD will use are bi-yearly staff surveys using Survey Monkey.

Date	Actions	Outcomes
Fall 2015	Staff Survey	<ol style="list-style-type: none"> <li>1. Provide Professional Development needed.</li> <li>2. Provide needed devices, Apps, and software to improve student achievement.</li> </ol>
Spring 2016	Staff Survey	<ol style="list-style-type: none"> <li>1. Provide additional professional development to expand teacher knowledge and use of technological devices and software.</li> <li>2. Acquire technology based on student needs.</li> </ol>

2.

Policy	Date of Public Forum	URL	Year Policy Adopted
AUP		<a href="http://www.salemcsd.org/scss/admin/TechPlanSalemCentral%202010%20to%202013.pdf">http://www.salemcsd.org/scss/admin/TechPlanSalemCentral%202010%20to%202013.pdf</a>	
Internet safety / Cyberbullying		<a href="http://www.salemcsd.org/scss/admin/TechPlanSalemCentral%202010%20to%202013.pdf">http://www.salemcsd.org/scss/admin/TechPlanSalemCentral%202010%20to%202013.pdf</a>	
Parent's bill of rights for data privacy and security	August, 2015	<a href="http://www.salemcsd.org/scss/TP/SuperOff/sc_highlights.html">http://www.salemcsd.org/scss/TP/SuperOff/sc_highlights.html</a>	draft 2015