

Technology

Goal: To Support Learning, Communications, and Operations

Theme One: Promote Safe, Healthy and Ethical Technology Behaviors

Action	Initiation Date	Resources	Person(s) Responsible	Anticipated Completion Date	Status Update
Publish District website that complies with ADA Accessibility standards	Summer 2018	Campus Suite and ADA Guides	Director of Technology and Web Site Design Team	Summer 2019 (Will be ongoing)	<p>District website has been published and is in process of constant update. Staff have been identified and trained in maintaining the site. The site is ADA compliant and is assessed monthly to ensure that all new content meets ADA standards.</p> <p>January 2019 Update: Website continues to grow with new content added regularly. All webpage content is ADA compliant and we are working towards making PDF documents compliant.</p> <p>April 2019 Update: PDFs are in process of being made ADA compliant. We have contracted with our website vendor to have them make all current PDF documents ADA compliant.</p> <p>October 2019 Update: Website is 100% compliant based on reporting tools. All future updates checked for compliance and remediated as necessary.</p>

					January 2020 Update: Website is 100% compliant based on reporting tools. Regular updates are being posted within ADA guidelines.
Identify and adopt a digital citizenship curriculum K-12	Spring 2019	Action Plan: 1) Identify possible curricula 2) Meet with Technology staff to review possible curricula 3) Present recommended curriculum to Assistant Superintendent 3) Adopt a curriculum 4) Meet with staff to identify scope and sequence	Director of Technology and Assistant Superintendent Integration Specialists, Computer teachers Principals	Summer 2019	January 2019 Update: We are currently investigating possible curriculum programs and hoping to select some to take an in-depth look at and review with a committee in the Spring. April 2019 Update: We have collected data from our technology instructors as to what resources they are currently using to teach digital citizenship. Next steps will be to review lesson topics against recommended scope and sequence to align instruction, from grades K-12. October 2019 Update: Currently technology instructional staff are utilizing Common Sense Media materials to teach digital citizenship.
Implement digital citizenship program in K-12 classrooms	Fall 2019	Digital Citizenship curriculum resources	Director of Technology and Assistant Superintendent	Summer 2020	January 2020 Update: Digital citizenship lessons are being taught as part of technology curriculum in grades K-6.
Annually review and	Summer 2019		Director of Technology and	Annually	New Acceptable Use Policy is

<p>revise Acceptable Use Policy document</p>			<p>Technology Team</p>		<p>in final stages and will be presented shortly.</p> <p>January 2019 Update: Acceptable use is ready to be presented to Leadership Team and will be placed on the agenda within the month.</p> <p>April 2019 Update: Draft Acceptable Use will be presented to Leadership Team at the May 2019 meeting.</p> <p>October 2019 Update: Acceptable Use is being reviewed by committee and will be presented to Leadership Team</p> <p>January 2020 Update: Modifications to policy are being made to account for different responsibilities of staff and students. Will be presented to the Leadership Team when completed.</p>
<p>Implement Apple Classroom for iPads connected to PowerSchool</p>	<p>Winter 2018</p>	<p>Apple Classroom and PowerSchool</p>	<p>Director of Technology and Technology Staff</p>	<p>Spring 2019</p>	<p>District is in process of working on connecting Apple Classroom to PowerSchool to allow for seamless transfer of data. Currently teachers are able to use classroom in an ad-hoc fashion that does requires manual connection.</p> <p>January 2019 Update: Connection to PowerSchool is</p>

					<p>in progress but a complicated process. We are looking at timing options to converting from the current ad-hoc usage to the managed solution.</p> <p>April 2019 Update: Apple Classroom has been implemented at Swanson Road and students have been trained in using it. A select number of AHS teachers are piloting it as well. The next large step is the integration with PowerSchool which will be a project that we prioritize this summer.</p> <p>October 2019 Update: Apple Classroom is functional and being used in schools where appropriate.</p>
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Theme Two: Effectively Communicate with Parents Regarding Technology

Action	Initiation Date	Resources	Person(s) Responsible	Anticipated Completion Date	Status Update
Identify communication streams and communicate where to find appropriate information	Winter 2019	Web Page, Facebook, Twitter, OneCallNow and Schoology	Director of Technology, Superintendent and Leadership Team	Spring 2020	<p>Technology will meet in January to begin working on building a communication protocol.</p> <p>January 2019 Update: Email to form committee will be sent within the month and we will review communication</p>

					streams. October 2019 Update: Most district communication has been localized to OneCallNow, the district webpage, Facebook and Administration Twitter streams.
Provide opportunities for parent education on student online behavior	Fall 2018	Web Page, Schoology and Online Tools	Director of Technology and Leadership Team	Ongoing	New district web page has some opportunities for parent training. We have added a web page to help them utilize the new parent portal. October 2019 Update: District web page continue to expand to include more resources for parents. We will continue to expand relevant pages as necessary.
Create and update website to include more resources for parents	Fall 2018	Web Page	Director of Technology and Leadership Team	Ongoing	Web site continues to be updated. A page for the parent portal has been added. January 2019 Update: We have updated the site to include a news blocks section to make it easier find district news and important information in a more visually appealing way. Also we have published our District App on both IOS and Android. April 2019 Update: The website continues to grow with new resources being added

					<p>as necessary. Recently a Schoology Parents Information Page was added to provide parents important information on this critical district program.</p> <p>October 2019 Update: District website continue to expand with new resources being added weekly.</p> <p>January 2020 Update: District website continues to evolve to include more resources. We recently rebuilt student registration pages to align with new online registration process.</p>
Provide training opportunities for parents on utilizing PowerSchool and Schoology portal systems	Fall 2018	Schoology and PowerSchool	Director of Technology	Ongoing	<p>A page for the parent portal has been added to our web site.</p> <p>January 2019 Update: Page for Schoology is currently under construction and will be published in February. We will be adding resources to our parent portal page related to Online Registration once we have process ironed out.</p> <p>April 2019 Update: A new web page has been published that provides information for parents on using Schoology. It includes links to Schoology-provided training materials for parents.</p>

					<p>October 2019 Update: District is looking at ways to provide more robust training opportunities for parents. Use of portal will expand with new registration system so we need to identify new ways to train.</p>
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Theme Three: Continued Support of Technology Infrastructure and Environment

Action	Initiation Date	Resources	Person(s) Responsible	Anticipated Completion Date	Status Update
Maintain wireless network that aligns with current standards and meets the needs of new devices	Ongoing	Aerohive wireless systems	Director of Technology and Network Manager	Ongoing	<p>District is monitoring wireless to ensure maximum connectivity and coverage. We are assessing wireless at Swanson Road and planning a refresh of older wireless access points.</p> <p>January 2019 Update: We are constantly monitoring our wireless network and we have a plan to upgrade the wireless infrastructure at Swanson Road this summer.</p> <p>April 2019 Update: We are continuing to monitor the wireless network to ensure it meets the needs of our users. We are pursuing a plan to upgrade the wireless infrastructure at Swanson Road using eRate money. Forms have been submitted and we</p>

					<p>are working through the process for approval.</p> <p>October 2019 Update: Wireless network currently meets the needs of our staff and students. We are constantly evaluating system to ensure it meets the needs of the district.</p> <p>January 2020 Update: Wireless network currently meets the needs of our users. We recently rebuilt our guest network to make it connect for users.</p>
Upgrade wireless access points that do not meet current standards	Spring 2019	Aerohive equipment	Director of Technology and Network Manager	Fall 2019	<p>January 2019 Update: First eRate form has been filed to seek reimbursement for replacement of all access points at Swanson Road. We will be following the eRate process in order to receive close to 50% reimbursement.</p> <p>April 2019 Update: The Swanson Road upgrade project has been submitted to the E-Rate program for possible reimbursement. We are awaiting all necessary waiting periods to pass.</p> <p>October 2019 Update: Swanson upgrade was delayed and will be pursued as part of the 2020 E-Rate process.</p>

					<p>January 2020 Update: Aerohive, our wireless vendor, was sold to a new company. We are currently evaluating the new company and their products and services to ensure they align with the needs of the District. Upgrades are on hold until we have a clear direction.</p>
Create a refresh schedule for District iPads and accessories	Winter 2018	JAMF Management System	Director of Technology and Technology Support Staff	Spring 2019	<p>In process of planning for a refresh of iPads at AMS. Full schedule will be developed.</p> <p>January 2019 Update: Discussions are underway with Superintendent's Cabinet regarding a plan to refresh the iPads at AMS.</p> <p>April 2019 Update: We are in the process of planning to refresh the 6th grade iPad inventory. We have solicited the necessary purchase information from Apple.</p> <p>October 2019 Update: Refresh schedule for iPads is in place. Will be reviewed annually based on school and district needs.</p> <p>January 2020 Update: District is nearing the completion of a new leasing cycle that will build a</p>

					sustainable refresh cycle for the Auburn Public Schools.
Implement new District technology inventory system with barcode labels	Summer 2018	Inventory Software Barcode	Director of Technology and Technology Support Staff	Ongoing	<p>District has new inventory system and numbered barcodes. All new equipment is being inventoried and older equipment will be added as time allows.</p> <p>January 2019 Update: All new equipment is being barcoded and we are in process of barcoding legacy equipment now.</p> <p>October 2019 Update: Barcoding is in place and all new equipment is barcoded and inventoried.</p> <p>January 2020 Update: Barcoding is being extended to equipment in Video Production lab to help them maintain and track equipment usage.</p>
Develop replacement plan for network infrastructure equipment	Fall 2019		Director of Technology and Technology Support Staff	Summer 2020	<p>January 2019 Update: Plan is in beginning stages as we identify all the equipment and purchase dates.</p> <p>October 2019 Update: Replacement plan has been developed with rough timelines set for replacement. We will evaluate annually based on available monies and specifications of equipment.</p>

					January 2020 Update: Replacement has been developed and aligned with potential CIP funds.
Replace District data storage system	Spring 2019		Director of Technology and Network Manager	Fall 2019	Currently investigating options for upgrading district storage. January 2019 Update: Upgrade has been presented for funding and we are evaluating several systems that could potentially meet the needs of the school district. April 2019 Update: Technology staff is reviewing the storage systems and will make a decision on the appropriate system once funding is approved. October 2019 Update: Complete as summer 2019.

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Theme Four: Promote Innovative and Effective Uses of Technology

Action	Initiation Date	Resources	Person(s) Responsible	Anticipated Completion Date	Status Update
Provide guidelines for effective evaluation of technology instruction	Fall 2019		Director of Technology and Assistant Superintendent	Summer 2020	
Investigate digital portfolios and pilot with	Summer 2019		Director of Technology and	Summer 2020	

students			Assistant Superintendent		
Embed K-12 Technology Standards as part of regular instructional practices	Summer 2020		Director of Technology and Assistant Superintendent	Fall 2021	
Investigate Computer Science programming with eye towards attaining certifications	Summer 2019		Director of Technology, Assistant Superintendent and AHS Principal	Fall 2019	October 2019 Update: AHS computer applications teacher has been working towards attaining his certifications. We have been discussing how they will best be implemented into his curriculum.
Investigate new emerging technologies and pilot, if deemed worthy	Ongoing		Director of Technology and Leadership Team	Ongoing	April 2019 Update: The district continues to look for potential new technologies that will enhance the technology environment for our users. This year we added significant single sign functionality to make it easier for our users to login to a variety of our technology programs using a single username and password. October 2019 Update: District continues to explore and implement new technologies to enhance the technology environment. New initiatives such as Classlink SSO and rostering have made it easier for students to access necessary applications.

					<p>January 2020 Update: We are piloting an eSports team at AHS as a way of engaging our students in a competitive gaming environment. We will evaluate the success of the program and determine next steps at end of the season.</p>
Implement Schoology for Learning Management in grades K-12	Summer 2018	Schoology	Director of Technology, Assistant Superintendent and Principals	Ongoing	<p>Schoology has been fully implemented at AMS and AHS. Teachers and students at Swanson Road and the elementary schools are learning the program and slowly implementing it into their classes.</p> <p>January 2019 Update: All students at Swanson Road have been entered into Schoology and it is in use with classes.</p> <p>April 2019 Update: Students at Swanson Road have been trained in the use of Schoology and have been logged into the program. It is being used in classes to extend learning.</p> <p>October 2019 Update: Schoology is being used in classrooms from grades 3-12.</p>
Promote increased innovative use of iPads	Fall 2019	iPads	Director of Technology and	Ongoing	<p>January 2019 Update: An announcement will be sent</p>

<p>as part of teaching and learning</p>			<p>Assistant Superintendent</p>		<p>to AMS and AHS shortly looking for staff to review iPad survey data from last year. Once that work is complete we will work together to draft a plan for the iPad program.</p> <p>April 2019 Update: Updated plan is to meet over the summer with key members of staff on formulating a plan to continue to drive innovation within our iPad program.</p> <p>October 2019 Update: District is working with Apple to identify new and innovative uses for the iPads. We hosted several Apple events to provide training to our staff. We are preparing to rollout Apple Teacher PD to provide free Apple sponsored training in core Apple Apps.</p> <p>January 202 Update: District is currently surveying staff regarding use of iPads in classrooms. We will utilize this data to build a comprehensive plan to provide PD and integration support to our teachers.</p>
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Theme Five: Provide Appropriate Professional Development to Promote and Support Technology Integration

Action	Initiation Date	Resources	Person(s) Responsible	Anticipated Completion Date	Status Update
Create Schoology course for incoming staff teachers	Summer 2018	Schoology	Director of Technology	Fall 2018	<p>Schoology course was created and includes resources for new school staff. We will continue to update this course throughout the year.</p> <p>January 2019 Update: Course continues to have additions. We believe this will be a live course, being updated as the district implements new technology initiatives.</p> <p>April 2019 Update: Course is published in Schoology and we will continue to add content. New pages regarding our new PaperCut printing system and Schoology training will be added shortly.</p> <p>October 2019 Update: Course is published and updates occur regularly.</p>
Increase technology training for support staff	Ongoing		Director of Technology and Assistant Superintendent	Ongoing	
Train all staff on PowerSchool	Fall 2018	PowerSchool and PowerSource	Director of Technology, Assistant Superintendent and	Ongoing	All staff have received training on relevant PowerSchool components. We will continue

			District Data Manager		<p>to train throughout the year to meet the needs of the staff.</p> <p>January 2019 Update: Staff have been receiving training and information centered around milestone events such as report cards or transitions between semesters.</p> <p>October 2019 Update: Staff continue to receive PowerSchool training as necessary.</p>
Train all staff on Schoology	Fall 2018	Schoology	Director of Technology and Assistant Superintendent	Ongoing	All staff in Grades 3-12 have received Schoology training. We will continue to train staff on a regular basis.
Implement digital badging as technology professional development model	Spring 2020	Schoology and Digital Promise	Director of Technology and Assistant Superintendent	Ongoing	<p>April 2019 Update: We are looking to tie this to the Schoology course we are developing that will serve as a training course for staff. Once the courses are developed, staff will be able to earn badges for completed sections.</p> <p>October 2019 Update: We will be piloting the badging program through the Apple Teacher certification program.</p> <p>January 2020 Update: Apple Teacher will be rolled out after our staff has completed the Apple iPad survey.</p>

<p>Increase training opportunities for the technology department</p>	<p>Ongoing</p>		<p>Director of Technology and Assistant Superintendent</p>	<p>Ongoing</p>	<p>January 2020 Update: District is taking advantage of free self-paced instructional materials offered by the FETC to all public employees. These materials cover many topics in which our staff needs additional training.</p>
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