

K-12 Technology Standards						
Grade Level	District Goal & Objective	Strategy/Activity	Person Responsible	Documentation	ISTE Standards*S	CCGPS Standards
K	Identify the parts of a computer and understand and use basic keyboard functions and mouse operations	Daily Lab Routines	Meador (SLO)	Teacher Observation/Checklist	6A	
K	Use icons to launch software programs and navigate and operate the application.	Daily Classroom Routines - Open RAZ, StoryJumper, Open Office, etc.	Classroom	Teacher Observation/Checklist	6B	
K	Create original graphics & use clip art in drawing and painting programs to illustrate concepts and ideas.	(Tux Paint)	Meador		1A, 1B	
K	Apply computers to the writing process using word processing software and grade appropriate functions.	(Open Office Kids, Wolf Typer)	Classroom	Teacher Observation/Checklist	6B	
K	Identify and properly use the mouse.	CyberStart, This is Sand,	Meador	Teacher Observation/Checklist	6A	
K	Use "single-click," "double click," and "click-and-drag" functions of the mouse	Basic Websites	Meador	Teacher Observation/Checklist	6A	
K	Locate, identify, and use letter, number, and punctuation keys	Tux Paint, Basic Websites	Meador	Teacher Observation/Checklist	6A	
K	Uses the mouse OR touchpad OR trackpad to create a graph.	(Graph Club)	Classroom	Teacher Observation/Checklist	1A	
1	Use graphic organizers to brainstorm ideas and organize learning concepts.	Kidspiration, Mind Mapping, use whiteboard to display organizers	Classroom	Teacher Observation, Digital Artifact	3D	
1	Understand and apply basic file management concepts such as opening, saving, and printing files	Daily Classroom Routines - Open RAZ, StoryJumper, Open Office, etc.	Classroom	Teacher Observation, Digital Artifact	6B	
1	Uses drawing tools within a graphics program to create an original illustration and/or picture story.	StoryJumper, Slideshow application	Classroom	Teacher Observation, Digital Artifact	1A, 1B	
1	Creates and edits a document that contains text and images.	Story Jumper, Microsoft products	Classroom	Teacher Observation, Digital Artifact	1A, 1B	

1	Inserts a picture into a document.	Story Jumper, Microsoft products	Classroom	Teacher Observation, Digital Artifact	6B	
2	login using usrme & pw	weekly login	classroom	checklist	6A	
2	login to apps independently	weekly login	classroom	checklist	6A	
2	navigagate classroom websites		classroom	checklist	6A	2RI.5
2	Compose email to teachers	write a friendly letter in email	classroom	grading rubric	2B	2.W.6
2	digital citizenship	commonsense media	tech teacher	unit assessment	5A-D	
2	QR code to access website	Teacher will create QR codes for studetns to access websites	classroom	checklist	6A-B	
2	Netiquette	Commonsense media	tech teacher	unit assessment	5A-D	
2	Keyboarding	10 wpm	tech teacher	typing web report		*2W6
3	login using usrme & pw	Students will login independently: weekly	Classroom	Checklist	6A	
3	Login to apps independently	Students will login independently: weekly	Classroom	Checklist	6A	
3	Navigagate classroom websites	Students will be required to use class websites to get weekly class information	Classroom	Checklist	6A	
3	Compose email to teachers	Students will compose a letter using standard letter format: will send through email	Classroom	Grading Rubric	2B	3.W.6
3	Digital citizenship	Commonsense media	Tech teacher	Unit Assessment	5A-D	
3	website/research information	to access	use QR code	code to access	code to access	
3	Netiquette	Commonsense media	Tech teacher	unit assessment	5A-D	
3	keyboarding	15 wpm	tech teacher	typing web report		*3W6
3	Email with attachment of student created projects	Students will create an email with attachment	classroom	grading rubric	1B	3W6
3	Create 4 slide presentation (pictures, labeled, with sentences)	At least one content area will have students create a presentation	classroom	grading rubric	1A-C, 3A-D	3W7
4	Login using usrme & pw	Students will login independently: weekly	classroom	Checklist	6A	
4	Login to apps independently	Students will login independently: weekly	classroom	Checklist	6A	

4	Naviagate classroom websites	Students will navigate independently: weekly	classroom	Checklist	6A	4RI7
4	Netiquette	commonsense media	tech teacher	unit assessment	5A-D	
4	Keyboarding	20 wpm	tech teacher	typing web report		4W6
4	Create and use QR code to access website/research information	Create and use QR code to access website/research information	Create and use QR code to access website/research information	Create and use QR code to access website/research information	Create and use QR code to access website/research information	4W6,7
4	Compose and send email with attachment of student created projects	Students will create an email and attach student created document	Classroom	Grading rubric	2A-B	4W6
4	Compose and type content specific short answer responses in a restricted time frame	At least one content area will have students compose and type short answer responses in specific time restraints	Classroom	Classroom assessment	3B-C	4W6
4	Take teacher created assessments on the computer	study island/ten marks/google	Classroom	Generate reports	4B-C	
4	Create a screencast to demonstrate mastery (ex: Show Me)	demonstrate math concepts	classroom	Classroom assessment	1A-D	
4	Create content specific presentations (pictures, labeled, with sentences, heading)	At least one content area will have students create a presentation	classroom	Classroom assessment	1A-B	4W6
5	Login using usrme & pw	Students will login independently: weekly	classroom	checklist	6A	
5	Login to apps independently	Students will login independently: weekly	classroom	checklist	6A	
5	Naviagate classroom websites	Students will navigate independently: weekly	classroom	observation	3A-B	5RI7
5	Netiquette	commonsense media	tech teacher	Unit assessment	5A-D	
5	Keyboarding	commonsense media	tech teacher	typing web report		*
5	Compose and send email with attachment of student created projects	Students will create an email and attach student created document	classroom	grading rubric	2A-B	5W6

5	Create and use QR code to access website/research information	Create and use QR code to access website/research information	classroom	grading rubric	2A-D, 3C	
5	Compose and type content specific short answer responses in given time	Answer milestone sample questions in predetermined time frame	classroom	grading rubric	3A-D	5W6,8
5	Take teacher created assessments on the computer	ex: google/study island	classroom	Classroom assessment	3B	
5	Create a screencast to demonstrate mastery (ex: Show Me)	Student create screencast to explain math concept	classroom	grading rubric	1A-D, 2A-D	
5	Create content specific presentations (pictures, labeled, with sentences, heading)	Content teacher will assign project	classroom	grading rubric	1A-D, 2A-D	5W6
5	Use Google classroom	At least one content area teacher will create and utilize google classroom	classroom	checklist	2A-D, 6A-D	
5	Share documents through google	At least one content area teacher will create and utilize google classroom to share classroom documents	classroom	checklist	2A-D, 6A-D	
5	Locate assignments and take assessments in google	At least one content area teacher will create and utilize google classroom to share classroom documents	classroom	checklist	2A-D, 6A-D	
5	Use a predetermined/organized list of websites to find the research information (ex: live binder)	Students will utilize preselected research specific project	classroom	grading rubric	3A-D	5W7, 5R17
5	Create multi-media presentations using music, voiceover, text, and images	At least one content area will have students create a presentation	classroom	grading rubric	2A-D	
6	Format Word documents on a more advanced level (newsletters, columns, etc.)	Social Studies newsletters and other subject area projects	Classroom Teacher	Project grading rubric	1B	

6	Upload documents to Google Drive	Weekly use	Classroom Teacher, BCS Teacher	Teacher Observation	2A	
6	Be proficient in Google Classrooms (navigating teacher sites, submitting work, etc.)	Weekly use	Classroom Teacher, BCS Teacher	Teacher Checklist	2D	
6	Use search engines to research basic ideas	Research papers	Classroom Teacher, Media Specialist	Teacher Observation	4	
6	Transfer images from a website to a document/presentation	Project use for all subjects	Classroom Teacher, BCS Teacher	Teacher Checklist	3C	
6	Digital Citizenship: Digital Footprint	Activity to help students learn how to act responsibly on social media	BCS Teacher, Flex	Teacher Checklist	5	
7	Share and collaborate on documents with others on Google Drive	Weekly use	Classroom Teacher, BCS Teacher	Teacher Checklist	2A	
7	Create folders and documents within Google Docs	Create a folder for each class they are taking	Classroom Teacher, BCS Teacher	Teacher Checklist	2	
7	Create more advanced PowerPoint presentations (animations, transitions, etc.)	PSA presentation on organ systems (Science)	Classroom Teacher	Rubric	1	
7	Understand basic online research etiquette	Copyright/plagism laws	Classroom Teacher, Media Specialist	Teacher Checklist	3	
7	Learn how to use an online binder or portfolio	Use Evernote or Notability to take notes and organize information	Classroom Teacher	Teacher Checklist	6	
7	Download high-definition images from search engines so they are not pixelated	Project use for all subjects	Classroom Teacher	Teacher Observation	3C	
7	Be introduced to Publisher	create a flyer on product created	BCS Teacher	Rubric	1A, 1B	

7	Digital Citizenship: Cell phone usage	Activity: learn when and where to use cell phones	BCS Teacher, Flex	Teacher Checklist	5	
8	Create an advanced online presentation (ex. PowToons, iMovie, etc.)	Ga history presentation	Classroom Teacher	Rubric	1B	
8	Create personal websites using Google Sites	create a student portfolio	Classroom Teacher, BCS Teacher	Rubric	2A	
8	Be proficient in document publishing	create a brochure on a specific career	BCS Teacher	Teacher Checklist	1A, 1B	
8	Research using peer-reviewed articles and more scholarly pieces	research Buford history	Classroom Teacher, BCS Teacher, Media Specialist	Rubric	3	
8	Understand basic spreadsheet functions	create an income statement/practice balancing a checkbook	BCS Teacher	Teacher Checklist	6B	
8	Digital Citizenship: Cyber Bullying and Online Responsibility	Activity encouraging students to be smart about how they act online; REP activity	BCS Teacher, Flex	Teacher Checklist	5	
9	Students will demonstrate their proficiency the functionality and purposes of Google Apps.	Students will complete a group research project using collaborative google tools to build knowledge for presentation (Spreadsheet for collection of resources, Docs for research paper composition, Slides for presentation of information.)	Biology / Ecology Research Projects	Rubric; Top three projects will be shared with administration for purposes of showing accountability to the standard.	1	

9	Students will evaluate the validity of online sources to identify vetted materials that are appropriate for specific tasks.	Students will navigate to vetted resources (databases, Google Scholar, Galileo, Gale Resources, etc.) to find appropriate material for research.	Language Arts Research Papers	Teacher checklist	3	
9	Students will actively manage digital content through storing, planning, and organizing files using at least Google Drive, Dropbox and Evernote.	Students will create organized folders for high school for Google Drive and Dropbox during Fresh Start. Students will also create an Evernote account. Students who did not attend Fresh Start will be pulled during electives to complete this assignment.	All Classroom Teachers	Teacher checklist	6	
9	Students will use Google Classroom to facilitate learning.	Students will upload supporting documents and learning artifacts in each academic area.	All Classroom Teachers	Teacher checklist	2	
9	Student Leaders will create videos to educate their peers about digital responsibility, digital legacy, and social media etiquette.	Buford Leadership Team students will create a video to be shown in Advisement that will teach digital responsibility including appropriate use of social media.	Tim Harris, Rebecca Moon, Advisement Teachers	Videos will be uploaded to the ESE website and the school Youtube channel.	5	
10	Students will use Google Classroom to facilitate learning.	Students will continue to upload supporting documents and learning artifacts and now participate in online discussions in each academic area.	All Classroom Teachers	Teacher checklist	2B, 2D, 4B, 4D, 6B	

10	Students will use digital tools to research, collaborate, and effectively demonstrate rhetorical analysis and techniques.	Students will create a digital multimedia, collaborative, research public service announcement and present to the class.	ELA Teachers	Rubric	1, 2, 3, 4, 5, 6	
10	Students will use Creative Commons.	Students will create digital artifacts of learning that incorporate CC media.	All Classroom Teachers	Teacher checklist	3,5	
10	Student Leaders will create videos to educate their peers about digital responsibility, digital legacy, and social media etiquette.	Buford Leadership Team students will create a video to be shown in Advisement that will teach digital responsibility including plagiarism and creative commons.	Tim Harris, Rebecca Moon, Advisement Teachers	Videos will be uploaded to the ESE website and the school Youtube channel.	5	
11	Students will create a cross-academic research paper that embeds content standards from American Literature and American History that counts for a grade in both classes.	Teachers will share responsibility for instruction and grading of collaborative research paper that embeds cross-curricular content standards. Students will collaborate using Google Docs and follow the formal research process, including documentation of sources and exact MLA format.	ELA and SS Teachers	Rubric	1,2,3,4,6	

11	Students will use technology to create a video that demonstrates their knowledge of a Physics-based standard.	Students will create a research presentation that highlights their opinion on the use of alternative energies as a replacement for fossil fuels in the United States.	Physics Teachers	Rubric	1,3,4	
11	Students will use Google Classroom to facilitate learning.	Students will complete homework assignments, take a picture of their work, and upload to Google Classroom.	All Classroom Teachers	Teacher checklist	2B, 2D, 4B, 4D, 6B	
11	Student leaders will create videos to educate their peers about digital responsibility, digital legacy, and social media etiquette.	Buford Leadership Team students will create a video to be shown in Advisement that will teach digital responsibility including plagiarism and creative commons.	Tim Harris, Rebecca Moon, Advisement Teachers	Videos will be uploaded to the ESE website and the school Youtube channel.	5	
12	Students will create full-scale electronic portfolios through Google Sites. (NOTE: We need to discuss if students will have access to this after graduation. They probably should . . . or should create another professional gmail account to set it up through)	Students will show mastery of standards across content areas by creating and uploading learning artifacts that encompass a variety of digital tools (including video, audio, text, hypertext, and images)	All Classroom Teachers	Links to portfolios are posted on teachers' websites.	1, 2, 3, 4, 5, 6	
12	Students will present a pecha kucha / IGNITE style presentation.	Students will create a "moving" presentation that requires critical integration of image and speech in order to make their meanings apparent to an audience.	ELA Teachers	Record presentations and have students upload them to their portfolios	1, 2, 3, 4, 6	

