Technology Plan

Salida Union School District

July 1, 2022 – June 30, 2025

Board Approved June 14, 2022

Table of Contents

Introduction and Background

Salida Union School District serves the northern portion of Stanislaus County, north and adjacent to the city of Modesto, California. Salida is an unincorporated community. Salida Union School District, a K -8 district, serves 2201 students (2021/2022 CBEDS Information Day data), including 68.83% Hispanic, 16.49% White, and 2.00% African American. Approximately 31.39% are English Learners (ELs). Approximately 229 students are classified as students with disabilities (SWDs), 10.40% of district enrollment. Approximately 1555 students (70.64%) are classified as socioeconomically disadvantaged bringing our unduplicated population to 69.01% of the student enrollment.

The district has seen an on-going trend of declining enrollment. Since the 2004/2005 school year, the district has seen a loss of 1,181 students, a drop in enrollment of 35%. Even with the reopening of a neighborhood school, the district has not changed in enrollment this year. The neighborhood development is still slated to open new homes in the district. In addition, the number of students who are socioeconomically disadvantaged has decreased by approximately 2.63%. Special Education students are serviced within the district (Speech, Resource, and LH and SH inclusion Special Day classes) and also as a part of our Stanislaus County SELPA (ED, DHH, PH, SH, and Autism Special Day classes).

Salida Union School District Salida, California		
School	**Enrollment (2021-22 School Year)**	**Grades Served**
Dena Boer Elementary School	467	TK-5
Mildred Perkins Elementary School	376	TK-5
Independence Charter School*	23	TK-5
Salida Elementary School	296	TK-5
Sisk Elementary School	293	TK-5
Salida Middle School	796	6-8

*2021-22 is the last year of operation of the Independence Charter School. Students will become part of Mildred Perkins Elementary School.

This technology plan is a living document and will be revised and edited each year throughout the plan duration from July 1, 2022 through June 30, 2025. This plan will also serve to address the E-rate program or any other grant or funding programs or opportunities in the Salida Union School District.

Vision

Salida Union School District offers a robust learning experience for all students. The District's purpose statement from the Salida Union School District's Instructional Focus Plan states: "We are committed to inspiring the children entrusted to us to believe in and develop their potential, so that they become positive contributors to their community and their world. The possibilities in every student inspire us."

The District recognizes that the skillful integration of educational technology is a component of a 21st Century learning experience for all students. The District also recognizes the need for a network infrastructure that allows for effective data collection, information sharing and collaboration with all staff, students and community members. This plan addresses these items.

Goals

Through this Technology Plan, the Salida Union School District seeks to support 21st Century Learning Goals by:

- Providing students with the skills and competencies they need to thrive in the 21st Century.
- Creating equitable technology access for all students.
- Providing two-way school to home communication.
- Supporting teachers in the effective integration of technology throughout the curriculum.
- Supporting teachers and administrators in efficient record keeping and assessment of students and student information.
- Promoting student engagement and agency through the effective use of technology.
- Promoting adult/family literacy through the use of educational technology.

According to the **Salida Union School District Instructional Focus Plan**, the District's overall goal is to "Empower and equip all students today with the competence and confidence to build their tomorrow!" This statement is played out in the following goals found in the Instructional Focus Plan:

Goals	Measures of Student Success
1 Success in the Early Years	a. Increase percentages of students demonstrating acquisition of vocabulary and meaning, oral language and conversation skills (Language Development) b. Increased percentage of children meeting Kindergarten readiness criteria in Literacy c. Percentage of children acquiring Literacy and Numeracy foundational skills by the end of 2nd grade d. Percentage of students in grades K-3 who are on track for success in Reading
2 Self-responsibility, and self-discipline	a. Percentage of students engaged in healthy, constructive peer-relationships b. Increased percentage of students who arrive at school on time c. Increased percentage of students who receive positive recognition for following school norms d. Percentage of students meeting expectations for respect, caring for others and personal safety
3 Critical thinking and problem solving	a. Percentage of students who can justify a standard or decision with supporting evidence b. Percentage of students who can answer open-ended questions on a consistent basis c. Percentage of students [or student teams] that can solve real-world, interdisciplinary problems d. Percentage of time students spend in collaborative learning activities
4 Successful Transitions	a. Increased achievement rates for English Learners b. Increased proficiency rates in the core subjects for underperforming student-groups c. Increased percentage of students meeting standards for promotion to the next grade d. Increased percentage of students demonstrating mastery of 21st Century skills

Some of the applications, websites, and technology that support the Instructional Focus Plan Goals are:

- Goal 1 – Students use Chromebook and iPad applications to increase literacy and numeracy through Benchmark, Benchmark Phonics, i-Ready and Footsteps2Brilliance.
- Goal 2 – Yearly teaching of Digital Citizenship as required by law, the use of PBIS Rewards App for behavior incentives and Parent Square for parent communication.
- Goal 3 – Classroom technology such as Chromebooks, Google Apps, Nearpod, Seesaw, Kami and document cameras support the goal of having students show what they know or justify their answer. Additionally, students can collaborate using the Google suite of applications.
- Goal 4 - Support for Goal 4 is provided through language acquisition programs such as Imagine Learning Language and Literacy.

The vision and goals listed above, along with the District's Instructional Focus Plan, guide the creation and direction of this technology plan.

Educational Partners

The Salida Union School District has several educational partners who have input in the informational and educational technology used by the SUSD staff and students and the integration of technology into the learning environment.

The SUSD Curriculum and Technology Committee (DCTC) is a group of educators who meet four times per year (or more often, if necessary) to discuss and have input on curriculum and technology matters in the district. These members report back to sites regarding curriculum and technology initiatives, gather feedback from sites and share input with the committee. DCTC gives input on this Technology Plan and the App Approval Process.

The SUSD LCAP Advisory Committee consists of parents, teachers, staff, and students who have biannual meetings and/or surveys to provide direction and insight on school climate, programs and services including technology.

The Educational Technology Department supports the technology integration into the curriculum, teacher and student technology, classroom technology and supports SUSD to further 21st Century teaching and learning. Three School Site Tech Leads support Salida Middle School, Dena Boer/Salida Elementary Schools, and Mildred Perkins/Sisk Elementary Schools and are available to troubleshoot student and teacher technology and provide tech lessons such as Coding and weekly STEAM activities.

The Information Technology Department provides technology installation, deployment, administration and support of district systems, servers, and network infrastructure for SUSD.

Together, these educational partners help SUSD to enhance student learning, increase staff productivity and communication through the use of effective and innovative technology tools and is reflected in this document.

Curriculum

21st Century Learning and the Common Core State Standards

The primary use of technology in the district is to support and enrich classroom instruction, and engage and enhance student learning. Teachers use technology to incorporate 21st Century learning skills through the 4Cs (Communication, Collaboration, Creativity, Critical-thinking), for assessment and feedback. Students build 21st Century digital literacy and technology skills that support instruction in the Common Core State Standards and prepare students for their college and/or career futures. The Common Core Standards include a variety of embedded digital literacy and technology skills in the core mathematics and English language arts standards. The California Common Core State Standards can be viewed at this link: https://www.cde.ca.gov/be/st/ss/documents/finalelaccssstandards.pdf Students utilize a variety of collaboration and content creation tools to enhance learning in all subject areas. Additionally, Science, Technology, Engineering, Art and Mathematics (STEAM) strategies are integrated throughout the core instruction. Elementary students participate in STEAM days each week.

During the life of this plan, the District intends to ensure that students are also introduced to the fundamentals of coding and computer science. This past year, students at Salida Middle School were introduced to 3D printing, coding and programming drones. SMS has also begun a STEM Club. Future goals include formally adopting the International Society for Technology Education (ISTE) standards for educators and students. The ISTE Standards can be viewed at this link: https://www.iste.org/iste-standards

Teachers and students use Google Apps for Education for communication, multimedia, presentation, spreadsheets and web site creation along with technology embedded in core curriculum and technology to engage students and enhance learning.

Salida students at the elementary level participate in weekly STEAM activities including coding, Lego Robotics, and Digital Citizenship. Salida Middle School students participate in electives and clubs such as Project Lead the Way, Lego Robotics, Computer Science and STEM Club. Classroom and after school activities include programming and flying drones, coding with microbits and McQueen Robots and 3D printing. All Salida students are able to create multimedia projects, engage in research, collaborate on projects, gain knowledge, improve skills, learn to code and program, and participate in learning anytime and anywhere. Each of these technology tools, goals and activities support Salida students for the 21st Century lives they lead.

All curriculum adoptions include online resources to promote learning:

Subject	Materials	Grades
ELA and ELD	Benchmark Universe	TK-5
ELA and ELD	Benchmark Phonics	TK-2
ELA and ELD	McGraw Hill – StudySync	6-8
ELA	Accelerated Reader	1-5
ELA	Read 180	SDC 6-8
ELA	Footsteps2Brilliance	TK-3
ELA Intervention	i-Ready ELA	1-5
ELD	Imagine Learning Language and Literacy	EL students in grades 2-8 SDC students in grades 2-8
Mathematics	Zearn Math	1-5
Mathematics	Desmos	7-8
Mathematics	Illustrative Math	6
Mathematics Intervention	i-Ready Math	2-5
History Social Studies	Studies Weekly	K-5
History Social Studies	National Geographic/Cengage	6-8
Science	Discovery Education	K-8
Attendance/Record keeping	Aeries	TK-8
Gradebook/Record keeping	Aeries	6-8
Gradebook/Record keeping	Illuminate	TK-5
Record keeping	Illuminate	TK-5
All Subjects	Google Workspace for Education Google Docs, Sheets, Slides, Sites Google Classroom	TK-8
Communication/Information	ParentSquare	TK-8
Communication/Information	District Website	TK-8
Student Engagement	NearPod	K-8
Digital Citizenship	NearPod	K-8
Student Engagement	Kami	K-8
Student Engagement	SeeSaw	K-5
Access to Online Curriculum	Clever	TK-8
Electives	Project Lead the Way	6-8
SEL	PBIS Rewards	K-8

App Approval Process & Student Data Privacy

Teachers can request to use other applications and websites not listed above by following the District's App Approval Process. All apps, websites, software, etc. must be vetted, approved, and have an Exhibit E document signed by the vendor and the District stating that student information will be protected according to the guidelines created by the Student Data Privacy Consortium, of which Salida District is a partner.

Step 1: Student Data Privacy List of Approved or Not Approved

a. Not necessarily approved for use, just approved from a privacy perspective. If not approved here, the request cannot go further in the process.

Step 2: Request to use the app, website, etc.

a. This form will be routed to site principal, Ed Services, DCTC for input and approval.
b. Considerations: Existing curriculum? Alternative? Funding? Pilot or District-wide implementation? Grade level or site?

Step 3: Request approved or denied

a. If approved, an implementation plan will be put in place.
b. If denied, the requestor will be notified and alternatives will be offered.

Differentiated Instruction and Personalized Learning

Through the use of technology, teachers are able to universally design lessons to meet the needs of all students through access to learning resources beyond the classroom and to engage students and foster learning in the classroom based on student needs.

Educational technology can be used to facilitate targeted instruction for students in reading and mathematics. Software such as i-Ready, Zearn, Imagine Language and Literacy, Read 180 and other tools can be effectively used at school or at home for this purpose. Other online resources include: Nearpod, Kami and Seesaw which are used for student engagement and feedback.

Students with disabilities are provided with a variety of online software tools and apps that can augment communication and meet their needs. Any Salida student can apply Chromebook audio and visual accessibility features such as text-to-speech, mouse size, etc. to break down barriers to learning. Students with special needs are provided iPads or apps such as Proloquo2Go and physical devices such as the DaVinci Pro Visualizer to accommodate their needs.

Assessment

Educational technology can be used to quickly and effectively gather and present information to teachers about how to meet the needs of teaching children in the classroom. Teachers use technology to assess and monitor student achievement and progress, reflect on their own teaching practices, and collaborate in lesson design to further the effectiveness of instruction. A guiding principle of Salida Union School District is that students will perform at a high level when instruction meets their needs. Several online programs assist teachers in this work including: Results from state testing (SBAC and ELPAC), i-Ready Reading, i-Ready Math, Imagine Learning Language and Literacy, Illuminate and ESGI Software.

Illuminate houses results of K/1 reading assessments, KSEP, ELPAC and SBAC results, Eureka math assessments, report cards, and District writing assessments.

Assessments provided by District curriculum including Benchmark, StudySync, Desmos, Illustrative Math, and Discovery Education help teachers to adjust instruction and report learning progress to parents.

i-Ready Diagnostics (ELA/Math) are common formative assessments administered three times per year and also serve as District benchmarks.

ESGI is used by TK-K-1 teachers for formative and summative assessments in ELA and Math.

Digital Citizenship

Providing instruction and setting district-wide expectations for student digital behavior is a key component of the successful integration of technology for learning at school and at home. It is important to model for students the ethical, legal, and safe use of online information and resources. It is also important to help students learn how they can protect themselves and their personal information in online environments. Students at all grade levels will be provided Digital Citizenship instruction and support during the first two weeks of school and ongoing as necessary throughout the school year using the Common Sense Media curriculum and lessons.

These lessons focus on eight key areas throughout the grade levels:

The District's Digital Citizenship lessons are housed in the District Library of Nearpod. All teachers received training in the spring of 2022 on the Digital Citizenship curriculum in Nearpod and will have professional learning each year. Link to Lessons

Parents and students must sign a Responsible Use Policy prior to being issued a district-owned device and/or during Digital Citizenship instruction during the first two weeks of school. Link to RUP for parents and students.

Filtering and Monitoring of District-owned Devices

The Children's Internet Protection Act (CIPA) requires districts to protect children against access to visuals or information that is considered obscene, child pornography, or is harmful to minors while using district-owned devices or networks, therefore, the District has purchased GoGuardian software for monitoring and filtering. All Salida network traffic passes through the iBoss filter and a report is generated each week showing which sites are accessed and by whom.

There is no expectation of privacy for a student or teacher on a district-owned device. All student devices are filtered 24/7 using iBoss and GoGuardian software to filter inappropriate or harmful content found online and in student email and documents. iBoss is also used to filter inappropriate content on district-owned teacher and staff devices. The District is considering replacing iBoss with Linewize for filtering and monitoring. This decision will be made in the spring of 2022 for implementation in the 2022-23 school year and/or to coincide with the GoGuardian renewal at the end of the 2023 school year.

Additionally, GoGuardian is used to monitor online student behavior on district-owned devices and accounts during school hours. GoGuardian and GoGuardian Beacon have built-in alerts regarding self-harm and suicide that are routed to school administrators when these occurrences take place.

Assets, Infrastructure and Support

The use of 21st Century learning tools requires reliable and consistent access to the internet for students, staff and teachers. In order to support this need, all school sites provide internet access on wifi and wired connections for staff and student devices. Servers are used to house data and backups.

Network and Internet Access

Existing Hardware:

The District office houses most of the servers in use throughout the District. These function as application servers, file servers, backup and recovery systems and resource servers. They are kept in a temperature controlled room plugged into a UPS which powers a rack and feeds filtered power thereby ensuring constant normal operation. One server monitors all other

servers and informs IT staff of any irregularities among them or downed WAN links via email. Back-ups of critical servers such as email and the student information systems (Aeries) are done hourly whereas other servers not deemed critical are done bi-weekly or weekly. Server software patching is generally completed after the second Tuesday of the month and patches for application servers are based on patch availability. The student information system is patched monthly.

Servers installed at the school sites are generally kept in an air conditioned room, but are backed up from the District Office. Each school site has one local server that provides resources for client computers. In addition, each school also has a Windows server that is used to provide file storage for faculty and staff.

All staff have access to computers for communication and information resources. Teacher laptops are running Windows 10 and the District is in a current refresh moving teachers to Dell Latitude 5511 laptops. Desktop computers in the District are three years old and running Windows 10. Computers are updated every three to five years.

The District has adopted standards for hardware. These standards reduce technology support costs and ensure compatibility between hardware and software. The current standard for laptop computers is the Dell Latitude 5511 model. The District is currently implementing an asset and ticket management system from Incident IQ in order to account for and maintain the assets in a timely manner.

Resources, Systems and Servers

- Cloud management – The District is looking at cloud management for web filtering, network access, possibly email. Aeries is moving to the cloud summer of 2022.
- Virtual private network tools – A VPN is in place and is currently being used by select staff.
- Remote access management tools – Beyond Trust is in place and currently being used by IT staff.
- Network and asset antivirus protection – The District uses Sophos anti-virus, is cloud based and reports via email on possible user issues.
- System backup and disaster recovery tools – The District is looking to update the backup software and add recovery tools
- District Office server refresh is complete.
- Server management of laptops has been implemented. Using System Center Configuration Manager we can now reimage laptops, and select when to deploy windows updates.
- WiFi – Cisco wireless has been installed at all sites. Upgrade to security is planned for summer 2022.
- Food Services needs - none
- Voicemail integration with Email is planned for this summer
- The fiber backbone is being upgraded to 10Gb as convenient. This includes new or remodeled buildings such as Sisk Library, DB Library and DB portables.
- District is looking to upgrade to Wifi 6 via Erate.

Existing Internet Access:

The schools in the District are connected using dark fiber leased from Spectrum Communications via e-rate. The speed of the connections is shared 10GBs for 6 sites (4 schools, 1 remote, DO) 1GB for one school site. The sites are connected to the District Office which in turn is connected to the Stanislaus County Office of Education. The speed of the connection from the District Office to the Stanislaus County Office of Education is 1 GBs. All of the schools have a 1GBs LAN backbone. The District has standardized on the Cisco platform for switches and routers, thus there are no communication issues between sites. All classrooms in the District have at least 1 RJ-45 Ethernet drop while most have 2-3. These drops support a communication speed of 1000MBs or 1GBs.

WiFi – The District operates a Staff WiFi network and a Student WiFi network. Cisco wireless has been installed at all sites. Plans to add a Guest WiFi network.

Student and Staff Access to Technology

Equitable access to internet enabled devices such as desktop computers, laptops and tablets is necessary for staff and students to access curriculum, information, communicate, collaborate and create content.

Elementary School Students: Beginning with the 2014-15 school year, the District purchased 900 Chromebooks to place in carts for classroom teachers to share. Over the years, the District has increased the number of Chromebooks to 2600 which allows for a 1:1 ratio for TK-8th grade students. The Chromebooks for elementary students are housed in carts in each classroom for students to use throughout the day. (Note: TK and K teachers may opt to have Chromebooks as a center rather than 1:1 for each student.) All classrooms have Wi-Fi access.

Middle School Students: In the 2018-19 school year, the District began a 1:1 Chromebook take-home program for all Salida Middle School students and that has continued to this day. Students without Wi-Fi at home are provided a free hotspot to provide internet services for the Chromebook assigned to the student. Students take the device home each day and have access to the curriculum at home and bring it back to school to use. All classrooms have Wi-Fi access.

Distance Learning Students: After the pandemic, several families requested for their children to remain on Distance Learning. The District provided a Chromebook, charger and hotspot (if needed) to students who decided to remain on Distance Learning. The District employs three teachers to oversee and provide instruction for these students. One teacher for all K-3 students, one teacher for all 4-5 students, and one teacher for all 6-8 students. The K-3 teacher meets daily with students via Zoom and creates lessons and assignments for students to complete. The 4-8 grade teachers and students use EdGenuity, an online software that provides

instruction and lessons in all subject areas. The District is currently looking at Distance Learning options for the 2022-2023 school year.

Student Devices	Grade Levels	Notes
Chromebooks in carts in classrooms 1:1 Ratio	K-5	● Students are assigned a Chromebook in the cart to use daily. ● TK-K teachers have the option of 1:1 devices or a set for a center
Chromebooks Take Home Program 1:1 Ratio	6-8	Since the 2018-19 school year, students in grades 6-8 take Chromebooks home each day and bring them back to school. The District provides a hotspot, if needed.
Chromebooks in carts for PE and After School Program	K-8	30 Chromebooks/cart/campus
iPads	TK-K Elementary SDC	iPads are loaded with early literacy and numeracy apps for use during Center time.
Chromebooks for Distance Learning	K-8	Students who are learning at home on Distance Learning are provided a Chromebook, charger, and hotspot (if needed).
Laptops and iPads for LegoRobotics at SMS	7-8	Offered as an SMS elective at times
10 iPads and Drones	6-8	STEM Club

Chromebooks are managed by the Google Admin Console in the student.salida.k12.ca.us domain. All student and teacher iPads are managed in JAMF.

Note: During the pandemic, all elementary and middle school students were able to take a Chromebook home (and hotspot, if needed). If this need arises again, the District has enough Chromebooks to send one home with every student in grades TK-8. The District may need to purchase additional chargers as many were damaged or not returned during the pandemic and/or are damaged throughout the school year.

Teachers: All teachers have a laptop computer for administrative functions, lesson preparation, assessment monitoring, and instruction. Teachers have a Google for Education Account, Microsoft Office, Aeries, Illuminate, anti-virus software and access to a printer. All teachers also have a teacher iPad loaded with apps to support English Language Arts, teacher productivity and apps to support students with disabilities. New teacher laptops are purchased every three years - currently being refreshed spring 2022.

Administrative Staff: All Admin have either a desktop or laptop or both depending on job duties. Principals and Educational Services staff also have iPads. There is a need to purchase new Admin iPads which were purchased in 2014 for use with the PBIS Rewards app and to facilitate classroom walkthroughs.

Classified Staff: Depending on job duties and responsibilities, classified staff may be issued a desktop (Office Staff/Custodians/MOT/IT), laptop or Chromebook to perform duties. These

devices are refreshed every three to five years. All Classified staff have a Google Apps account, an email account and a place on campus to access either. Some paraprofessionals may also have access to a document camera or other appropriate software for working with students one-on-one or in the Learning Center. MOT staff also have iPads, however, there is a need to update these devices which were purchased in 2014.

Classroom Technology

21st Century classrooms are places where a variety of multimedia content and information can be presented by teachers and students. Each classroom has a mounted projector and document camera. Classrooms are also equipped with HoverCam podiums and tablets to enable teachers to move about the classroom wirelessly and support student learning. All teachers who specialize in educating our students with disabilities have current software which maintains IEP goals, benchmark assessments, annual and triennial meeting notes.

Classroom Technology	Grade Levels/Locations	Notes
Short-throw mounted projector or ceiling-mounted projector	All classrooms	Epson 675W or 685W Short-throw Epson CP-W3030 Ceiling-mounted
Document Camera	All classrooms	Aver or ELMO
HoverCam Podium and Tablet	All classrooms	Receiver connects to the projector and transmits via infrared from the tablet.
Wireless Access Points	All classrooms are able to connect to the internet.	
Library Technology		
• Each school library is equipped with wiFi access and Alexandria Library Circulation software. • The SMS library has a ceiling-mounted projector and HoverCam tablet and podium. • As libraries are being remodeled, each will have a 75” mounted TV to use as a presentation station.		
Gym/Cafeteria/Multipurpose Room Technology		
• Portable projectors and document cameras are available on a cart to use in each school’s gym/cafeteria/multipurpose room. • WiFi is available in each.		

Future funding and implementation could include: classroom audio amplification, augmented reality, and virtual reality along with an expansion of coding and computer science curriculum.

Teleconferencing

- The District currently uses the Zoom platform for teleconferencing.

Security Cameras

- Verkada vape detectors and a camera have been installed at SMS.
- District is looking into more security cameras to be installed at SMS.

Communication, Collaboration and Database Applications

Email:

The District uses Microsoft Outlook on a District-owned Exchange Server to provide email to all staff. Students have email via the Google Workspace for Education platform.

Collaboration and Work Applications:

All District staff and students have Google Workspace for Education accounts which includes Google Docs, Sheets, Slides, etc. and email for students.

Staff, in addition to Google, are also provided with the Microsoft Suite of programs such as Microsoft Word, Excel and PowerPoint.

Communication:

The District uses Blackboard to host and maintain websites for the District and each school site which ensures consistency in style and ease of support for webmasters. Blackboard also has an app available to staff and parents. District websites are ADA compliant and will comply with all required accessibility format and content. The District also maintains District and school site Facebook pages and a District Twitter account. In the 2021-22 school year, the District began using ParentSquare to communicate with staff and parents via the ParentSquare app, text, email, and voice messages. ParentSquare is the primary location for parents to find current information and activities. The website is a place for static information such as Bell Schedules and Attendance Schedules, but ParentSquare is the place for any new or ongoing information to parents, thus reducing the need for FaceBook and Twitter and therefore are phasing out the use of those platforms.

Student Information System - Aeries

The District uses Aeries (currently hosted on site, but moving to the cloud in summer 2022) to house student data including enrollment, demographic, attendance, behavior/discipline and other information. Staff at the middle school uses the Aeries Gradebook, progress reports and report cards.

Salida Middle School students and parents can access the Aeries Parent Portal to view grades, attendance and state test scores. Parents of 3rd-5th grade students can access the Aeries Parent Portal to view state test scores.

Beginning in 2021-22 school year, parents use Aeries to initially enroll their children and to provide annual registration updates about their family contact information and student

emergency information and electronically sign the beginning of the school year paperwork such as the Parents Rights form and the Responsible Use Form for technology.

Administrators have access to Aeries to record discipline and engage with student data. Teachers have access to Aeries to take attendance, view student data and state test results.

Illuminate
The District uses Illuminate Education's DnA to house elementary report cards and assessment results to provide reports for administrators and teachers. Teachers input scores into Illuminate for District Writing Benchmarks, Leveled Reading Passages, Oral Reading Records, KSEP scores, and Eureka Math End of Module Assessments. Teachers can also view state test results and i-Ready Lexile levels in Illuminate.

Incident IQ
The District is currently installing (Spring 2022) Incident IQ for asset management (Chromebooks, laptops, classroom technology, etc.) and ticketing to track and manage help tickets requesting IT support. The robust software allows for quick deployment and collection of assets, the ability to manage thousands of devices, and provides reports on efficiency and details of the assets.

Technical Support and Technology Staffing

Technology support is essential to maintain existing technology infrastructure, classroom technology, and student learning applications. The District has technology staff to support Information Technology and Educational Technology.

Information Technology: Two full time employees (Technology and Information Services Supervisor and District Technology Specialist) Key functions: Installation, monitoring, repair, maintenance and security of all IP network hardware and software. Management of WiFi infrastructure. Maintain and manage all on site and cloud-based servers.

Educational Technology: Two full time employees (Coordinator of Educational Services – Technology and Database Coordinator) Key functions: Further 21st Century Teaching and Learning through the integration of technology in the classroom. Model and provide professional learning opportunities for the effective use of technology in the classroom. Purchase and determine classroom and student technology needs. Administration of the Student Information System, Google Workspace for Education and CALPADS. Preparation and distribution of report cards, state testing, and testing results.

Site Technology Leads: Three full time employees (Computer Technician 1). One employee at the middle school, one assists Perkins and Sisk, one assists Dena Boer and Salida Elementary. Key functions: Help Desk/Ticketing to assist teachers and students with hardware and software needs. Inventory, maintain and repair student Chromebooks and site technology. Assist both Information and Educational Technology departments.

Professional Learning

Salida District has a strong legacy of ongoing professional development and professional learning through collaboration, data review, and instructional planning. This professional learning is viewed as an investment in the faculty and staff of the District. The Salida District Instructional Focus Plan identifies the importance of collegial collaboration and accountability in Pillar 3 of the Instructional Focus Plan.

This technology plan and its vision and goals support the District's Instructional Focus Plan goals by providing professional learning to teachers to enable them to use technology effectively in the classroom and integrate technology throughout the curriculum. Technology has become woven into and throughout the curriculum as a part of the ongoing learning of students. The professional learning provided to Salida teachers comes through Wednesday STEAM release days per grade level, faculty and staff meetings, Welcome Back days, and Tech Tuesdays. In-classroom coaching through the Coordinator of Educational Services – Technology is also provided. Additionally, on-demand videos are available through the Educational Technology website www.bit.ly/SUSDEdTech as well as opportunities to attend the yearly ETC! Conference sponsored by the Stanislaus County Office of Education and ETC! Course offerings at SCOE. Further, teachers are provided opportunities to share their knowledge with colleagues and other members of the learning community in order to create a set of common practices to build upon the success of others through Professional Learning Community time each week.

Monitoring and Evaluation

This plan includes a summary of the technology related activities that are planned to be implemented between 2022 and 2025. These activities are designed to support and further the District's Instructional Focus Plan and the District's Technology Plan vision and goals.

District Curriculum and Technology Committee

Educational Partners have input regarding the implementation and evaluation of the activities outlined in this plan and the plan will be reviewed yearly by the District Curriculum and Technology Committee. This committee includes K-2 and 3-5 representatives from each school site and the middle school along with District Office staff. All are welcome to attend DCTC meetings. Notes are sent to all staff after each meeting.

Plan Activity Monitoring

District program evaluation, progress on implementation, and decision making are driven by analysis of data; especially student achievement data. Examples include: SBAC results, local assessment results, language development assessments, classroom-based assessments, etc. This Technology Plan will be monitored, evaluated, and edited yearly by the Educational Services Department with input from DCTC and District educational partners. The plan will be updated and improvements made to help with implementation. An annual evaluation process provides feedback to schools for accountability and input to DCTC and Educational Services for continuous improvement to achieve the goals and outcomes. A summary of the activities, goals and objectives for this technology plan is included in Appendix A. This summary includes a timeline, who is responsible, and how it will be monitored and evaluated.

Appendix A: Plan Implementation & Funding Summary

Future Projects, Plans and Ideas to add to the tables below with input from LCAP Educational Partners, the District Curriculum & Technology Committee, Educational Services and Informational Technology Departments:

- Computer Science
- Artificial Intelligence
- Augmented Reality
- Virtual Reality
- Coding
- Robotics
- 3D Printing/Coding
- Adult Literacy
- Expand Digital Citizenship for Teachers to include Copyright and Fair Use
- Skills Progression for Students
- Personalized Learning
- Add or adopt ISTE Standards
- Future Classroom Possibilities – Webcam, interactive TV/Screen Panel, audio systems, etc.

Curriculum Plan Activities

Activity & Measurable Objective	**Timeline**	**Department(s) Responsible**	**Monitoring & Evaluation of Activity/Objective**	**Funding Source & Budget**
Curriculum Adoptions with Online Technology Components	Varies	Educational Services	Online components evaluated in tandem with materials evaluations by the adoption committee.	LCFF
Move Digital Citizenship to Nearpod. Teach Digital Citizenship lessons each year.	Spring 2022 Implementation 2022-23 School Year	Educational Services Teachers	Review usage data of Digital Citizenship Lessons each year in September. Poll teachers.	CARES Act Funding to purchase Nearpod for three years 2020-21, 2021-22, 2022-23. Determine funding for 2023-24 and 2024-25.
Increase usage of Nearpod district-wide.	2021-2023	Educational Services	Monthly meeting via Zoom with Nearpod Customer Service Rep for	Determine funding for 2023-24 and 2024-25.

			implementation strategies and usage.	
Kami	2020-2023	Educational Services	Yearly data report for usage with Kami Customer Service Rep	CARES Act Funding to purchase Nearpod for three years 2020-21, 2021-22, 2022-23. Determine funding for 2023-24 and 2024-25.
SeeSaw	2020-2023	Educational Services	Yearly data report for usage with SeeSaw Customer Service Rep	CARES Act Funding to purchase Nearpod for three years 2020-21, 2021-22, 2022-23. Determine funding for 2023-24 and 2024-25.
Select and implement a monitoring and filtering tool to replace iBoss for staff and students. Compare Linewize and GoGuardian.	2022-2023	IT Department and Educational Services (Procurement and system access/configuration.) Educational Services (Professional Development for users)	Meeting with vendors. Set up test environment. Conduct evaluation and determine best solution.	CARES Act Funding currently pays for GoGuardian for 2020-21, 2021-22, 2022-23. Determine funding for 2023-24 and 2024-25.
Deploy new Teacher Laptops and Monitors	Spring 2022 deployment	Educational Services Tech Leads Dell Latitude 5511 laptops	Dell 5511 computers and 27” monitors were purchased in 2021 and the IT Department now has them imaged. This is part of a 3-5 year refresh.	LCFF
Expand Imagine Learning Language	Fall 2022	Educational Services	Spring of 2022, 61 families expressed	No additional fiscal impact.

and Literacy Parent Online Program			interest in improving English using Imagine Learning Language and Literacy. The District offered Chromebooks and hotspots to families to use at home. Consider expanding this program to reach additional families.	

Assets, Infrastructure & Support Plan Activities

Activity & Measurable Objective	**Timeline**	**Department(s) Responsible**	**Monitoring & Evaluation of Activity/Objective**	**Funding Source & Budget**
Move Aeries to cloud-based server	Summer 2022	IT Department	IT Department will oversee and report	District General Budget
Update System Backup Software		IT Department	IT Department will oversee and report	District General Budget
Upgrades to WiFi security	Summer 2022	IT Department	IT Department will oversee and report	District General Budget
2000 CTL NL71T student Chromebooks	Three year lease with Insight Financial Services 2020-21 2021-2022 2022-2023	Educational Services (Evaluation and procurement of devices.) Tech Leads (Inventory, tag and deployment)	Educational Services and Business Office oversee the purchase of the devices with Board approval. Educational Services oversees the inventory, Admin Console input, and deployment of the devices.	LCFF lease approximately $200,000/year April 2022 – Received Educational Connectivity Fund (ECF) Federal grant to pay off the lease. $620,002.10
Lease or purchase next round of student Chromebooks	Begin requesting samples from vendors and comparing models January – April 2023 for July 1, 2023 purchase.	Educational Services	Consider leasing or purchasing a better quality Chromebook for Salida Middle School. The CTL NL71T had many repair issues (keyboard, wifi, power). Perhaps HP or Dell? Add a snap-on case?	LCFF three year lease cycle 2023-24 2024-25 2025-26 Approximately $200,000/year

T-Mobile Hotspots Account 963569688 – 126 hotspots Account 969872375 – 150 hotspots	Spring 2022 – Determine number needed for 2022-23 school year. April 28, 2022 – May 13, 2022 Apply for Round 3 ECF Funding for 2022-23 school year.	Educational Services Tech Leads	Determine number of hotspots issued to SMS and Distance Learning students and Imagine Learning Language & Literacy parents for the 2021-22 school year to determine need for 2022-23. Suspend unnecessary accounts.	ECF Round 3 Funding, if awarded. LCFF if not funded through ECF Round 3. (Note: ECF Round 1 funding paid for our existing hotspots.)
Purchase new iPads for Administrators and MOT staff	July 1, 2022	Educational Services	With the launch and/or renewal of the PBIS program, principals need newer iPads to run the apps. MOT staff use the iPad for inventory and walkthrough purposes.	LCFF

Professional Development Plan Activities

Activity & Measurable Objective	**Timeline**	**Department(s) Responsible**	**Monitoring & Evaluation of Activity/Objective**	**Funding Source & Budget**
HoverCam Training for Classroom Technology upgrade	Deploy devices December 2020 and spring 2021. Offer training via Zoom in 2021. In-person, hands-on training in Fall 2021. Spring 2022 – Spring 2023	Educational Services	Based on observation and feedback from teachers, additional in-person, hands-on training is required to remove barriers to use.	Part of Educational Services employee duties. Funded through LCAP.
Nearpod, SeeSaw and Kami Training	Embed into Wednesday Professional Learning Days with Teachers	Educational Services	Teacher surveys Teacher lesson planning Teacher self-reflection to show growth	Part of Educational Services employee duties. Funded through LCAP.

District-adopted Curriculum	Wednesday Professional Learning Days with Teachers and other release days	Educational Services	Teacher surveys Teacher lesson planning Teacher self-reflection to show growth	Part of Educational Services employee duties. Funded through LCAP.
Tech Tuesday Trainings	Summer 2022 Map out Fall 2022 Tech Tuesday offerings Winter 2022 Map out Spring 2023 Tech Tuesday offerings.	Educational Services based on needs assessment and survey of teachers and technology plan.	Obtain feedback and evaluations from attendees.	Part of Educational Services employee duties. Funded through LCAP.
ParentSquare Training	TBD	Educational Services	Train Teachers and Parents	Part of Educational Services employee duties. Funded through LCAP.

Ongoing Technology Expenses

Item	**Estimated Budget**
Technology staff salaries and benefits	Varies each year of the plan
Technology maintenance and repair	Varies each year of the plan
Software licenses (Microsoft Office, Anti-virus, PDF, etc.)	$45,000 then purchase as needed
Services and application licenses and support (server software and back up)	$10,000 per year
Internet and WAN Connections	Varies each year of the plan
Telephone System and Cell Phone expenses	$20,000 per year
Student Devices	$200,000 per year on lease
Student Hotspots	$20,000 per year
Software licenses (ParentSquare, Blackboard)	$6,000 per year

Appendix B: Technology Skills by Grade Level

Link to folder with skills for each grade level.