

**At-a-Glance**  
**Effective Use of Technology Approach by School District**  
**For 2020-2021**

<b>LEA</b>	<b>Activities</b>
Alachua	<ol style="list-style-type: none"> <li>1. Two Technology Coaches will provide PD and support for teachers (grades K-12) during the school year and into the summer to increase use of technology in the classroom and to increase student achievement.</li> <li>2. Private schools will receive Explain Everything app for student use and additional virtual learning apps.</li> <li>3. (A1) Instructional personnel will participate in Google Classroom PD.</li> </ol>
Baker	<ol style="list-style-type: none"> <li>1. Technology will be blended with the Instructional Assistant (IA) at the CATS Academy where she will work with <i>Plato</i> in conjunction with individualized instruction along with the new software program, <i>Exact Path</i>. IA will work one on one and in small groups and will also help students access their grades in <i>Skyward</i>.</li> </ol>
Bay	<ol style="list-style-type: none"> <li>1. A Resource teacher will provide PD to teachers and School Counselors on how to access the <i>BDS 360 Social Skills</i> program.</li> <li>2. Private schools will offer a Microsoft certifications class for students to earn the certifications and teachers will be using Smartboards to deliver instruction.</li> </ol>
Bradford	<ol style="list-style-type: none"> <li>1. Teachers will participate in PD covering advanced technology tools to enhance classroom and virtual instruction to create interactive slides and other tools to improve instructional design, assessment and delivery.</li> <li>2. <i>iReady</i> Coaches will facilitate initial training and site-based coaching on the use of the <i>iReady</i> platform for mathematics instruction to include a special focus on using the data for differentiation and intervention through inclusion and MTSS.</li> </ol>
Brevard	<ol style="list-style-type: none"> <li>1. Instructional personnel will participate in online eLearning PD opportunities for engaging learners using technology.</li> <li>2. (A1) Private schools will receive funding for Microsoft certifications and staff will attend the STEM and Future of Education Technology Conference, Little Bits Coding Training, and EdTech Teacher Training.</li> <li>3. (A1) Private schools will receive funding for technology consultants.</li> </ol>

Broward	<ol style="list-style-type: none"> <li>1. BCPS has a plan to increase STEM and computer science programs in schools by hiring a Coordinator for STEM+CS to convert STEM content into Canvas learning platform and to provide PD for teachers. Two instructional facilitators will be hired to develop, and deliver curriculum and PD to create a pathway to improve student spatial reasoning. Cutting-edge mixed reality integration into classrooms will include additional supplies and software. PD will also include environmental sustainability and stewardship. A license for the Broward PBL Portal @SciStarter connects teachers and students with authentic research projects.</li> <li>2. Two Community Liaisons were hired to provide outreach and technical support to parents making the transition to a virtual online learning environment.</li> </ol>
Calhoun	<ol style="list-style-type: none"> <li>1. A summer STEM camp will be offered to rising 4<sup>th</sup> -8<sup>th</sup> grade students. Students will explore STEM concepts with an emphasis on computer programming.</li> </ol>
Charlotte	<ol style="list-style-type: none"> <li>1. Two private schools will receive student devices for STEM education and a subscription to <i>Discover Education</i>. Public elementary schools will receive additional iPads for STEM education and apps will be selected in conjunction with the Curriculum and Instructional Specialist for Science.</li> <li>2. Online subscription for Educational Impact to provide virtual PD through online courses for SEL, student engagement, evaluations, ESE, teaching with technology, and combatting the impact of trauma on students.</li> <li>3. (A1) Funds for iPads and cases were reallocated to Well-rounded Educational Opportunities.</li> </ol>
Citrus	<ol style="list-style-type: none"> <li>1. Teacher Leaders and School Administrators will attend the FETC Conference.</li> <li>2. Administrators and teachers will participate in professional development that embraces 21<sup>st</sup> century pedagogy and curriculum such as <i>Communicating and Connecting with Social Media</i>.</li> <li>3. (A1) Eleven Instructional Leaders will participate in Free FETC virtual conference this year.</li> </ol>
Clay	<ol style="list-style-type: none"> <li>1. All schools will have a robotics team with a sponsor/Coach for students in grades 4-5, 7-8, and 9-12.</li> <li>2. Will purchase webcams for OneClay Online Learning program.</li> <li>3. (A1) Funds increased for webcams to be provided for OneClay Online Learning program.</li> <li>4. (A1) Tablet computers will be provided to Pre-AICE classrooms.</li> </ol>
Collier	<ol style="list-style-type: none"> <li>1. PD for teachers to learn how to integrate technology into the classroom and will use Instruction through Digital Innovation (IDI).</li> <li>2. (A1) Increased funds for technology related supplies, such as USB charging station, HDMI cables, headphones, and coding kits.</li> <li>3. (A1) Increased funds for a 3D printer, iPads, and printer.</li> </ol>

	4. (A1) Funds provided for web-based license fee for ISTE.
Columbia	1. 80 educators will participate in Google Classroom PD and will receive a stipend for attending.
Desoto	1. A Technology Coach will provide PD opportunities for educators, school leaders, and administrators to improve student engagement. The Coach will also work with students in the classroom to facilitate the use of technology. 2. Increase access to the internet for 25 high school students to use at home with the purchase of 25 Kajeet internet devices.
Dixie	1. District Instructional Technology Coach will provide PD on Google Classroom and Canvas to maximize instructional benefits in the classroom. 2. Separate sets of earbuds will be provided to students for access to digital learning. 3. A middle school will begin to offer CTE courses aligned with secondary and postsecondary CTE programs.
Duval	1. Virtual learning will take place using McGraw-Hill, Acaletics, and AMI. Early Return Professional Development and the Math Academy will be delivered online.
Escambia	1. Twenty-one middle and high schools will establish drone/robotics teams and will participate in competitions. 2. Technology hardware, supplies, and equipment will be purchased for Science Education and Fine Arts Education. Two Social Emotional Specialists will receive iPads. 3. LEGO certified trainers will provide PD for K-2 educators and Media Specialists to better understand how to use the LEGO system as a training aid for STEM instruction. 4. Private schools will receive technology equipment and supplies and PD.
FAMU DRS	1. Will provide STEM/STEAM lessons through Certiport, (high quality digital learning) for students with Level 3 and 4 in Math and Science and recommended for engineering by a teacher. All students will have an opportunity to complete Industry Certification Exams for Microsoft Office, AUTOCAD, and ADOBE.
FAU Lab School	1. Will add a new Coding course and provide afterschool competitive STEM-related clubs. Students will use <i>CoderZ</i> program to build robots.
Flagler	1. Increase access to technology at home for low-income students in grades K-12. Annual usage fees, liability, repair, and damage fees for technology devices are funded by grant.

Florida School for Deaf & Blind	1. Professional development for educators, school leaders and administrators to gain knowledge and skills to use interactive boards and other classroom technology. Workshops will include coding and video production. The 0365 software will simplify class management and give educators the ability to create content.
FSU DRS	N/A – Funds included in Safe and Healthy Schools and Well-rounded Education Opportunities approaches.
Florida Virtual School	N/A – Funds included in Safe and Healthy Schools and Well-rounded Education Opportunities approaches.
Franklin	1. District will use <i>Ed Insights</i> for the digitalization of the MTSS reporting and recording. PD will be offered to instructional personnel, guidance counselors, MTSS team members and school leaders.
Gadsden	1. Instructional personnel will participate in online training for all components of a new Learning Management Platform which will allow schools to build the digital learning environment for all students in grades K-12.
Gilchrist	1. Teachers will be offered stipends to attend PD during regular school hours. The workshop topics will include the integration of technology in the classroom as a teaching and learning tool.
Glades	1. Document cameras will be utilized in 8 <sup>th</sup> grade science and Biology classes.
Gulf	1. High school instructional personnel will participate in PD for use of Google platform applications in the classroom to increase integration of technology.
Hamilton	1. Implementing blended learning projects with art and technology using 3D printers in the art and science classrooms for students in grades 7-8. 2. 20 students will participate in underwater robotics program. 3. Dry erase laminate surfaces will be provided to 5 <sup>th</sup> grade students.
Hardee	1. A District Round Table for virtual learning will include instructional personnel collaborating on best practices for virtual learning. 2. <i>Nearpod</i> , an instructional technology application will be implemented district-wide and teachers will receive PD on how to use the technology for engaging learning opportunities. PD will also be offered for <i>Google Classroom</i> , <i>SeeSaw</i> , and <i>EDIS</i> .

Hendry	<ol style="list-style-type: none"> <li>1. <i>Project Wisdom</i>, a character education program for two middle and one high school, will provide daily positive messages, with a monthly focus on virtues that encourages everyone on campus to be their best.</li> <li>2. AVID Digital Learning will be implemented at two middle schools to provide students with academic and social emotional skills to achieve at their highest level. Students enrolled in this course will also enroll in Algebra I or a Pre-AP course and receive additional support to be successful in these rigorous courses.</li> </ol>
Hernando	<ol style="list-style-type: none"> <li>1. A 6-8 STEM Specialist will continue to provide professional learning opportunities and instructional coaching to the district's middle school instructional personnel for STEM courses. A K-8 College and Career Specialist will be hired to enhance the current structure of career and technical programs in all the district's middle and elementary schools by providing professional learning opportunities and instructional coaching.</li> <li>2. The Lead ESOL Coach will coordinate the process of ELlevation and the district's ADMS program to better inform ESOL Lead teachers and classroom teachers of their ESOL students' English Language Proficiency levels, descriptors, and recommended accommodations and goals. This will eliminate paper files and provide access online. This coach will provide trainings for ESOL Lead Teachers and ESOL Paraprofessionals on how to use the platform.</li> <li>3. A private school will receive nine iPads for student use in conjunction with interactive panels and/or smart televisions. The iPads will be rotated through classrooms.</li> <li>4. A private school will receive multimedia projectors and Chromebooks to integrate technology for instruction in music, phonics, and science.</li> </ol>
Highlands	<ol style="list-style-type: none"> <li>1. Nearpod software program will be purchased and will include PD for teachers. This software will be used in summer school with <i>Core Knowledge Language Arts</i> (social studies units) to improve reading proficiency in students performing below grade level during summer school and provide teachers with opportunities for virtual field trips.</li> <li>2. <i>Ripple Effects</i> software program will continue to be used in a elementary, middle, and high school for SEL and character education, along with PD.</li> </ol>
Hillsborough	<ol style="list-style-type: none"> <li>1. El Education is a core curriculum online resource used in 15 Transformation schools to improve reading and writing skills through a challenging and culturally relevant text. LearnZillion is another online platform program designed to improve ELA skills.</li> <li>2. Private schools will purchase computers and provide PD for staff to enhance student STEM/STEAM learning.</li> </ol>
Holmes	<ol style="list-style-type: none"> <li>1. Spanish I and Spanish II online courses will be continue to be offered to students in grades</li> </ol>

	<p>8-12.</p> <p>2. An online coding curriculum will be used weekly with gifted students to increase access to STEAM instruction.</p>
Indian River	<p>1. Continue with professional development opportunities for school district personnel to better understand how to best use <i>Discovery Education Network</i>.</p> <p>2. Offer extended learning opportunities for students at Tier 2 and Tier 3 schools to provide instruction using <i>Edgenuity</i> to increase student achievement.</p>
Jackson	N/A - Transferred funds to Title V program.
(Jefferson) Somerset	<p>1. The Guidance Counselor will use technology to identify students with needs and help access online SEL programs, complete college applications, and FAFSA applications.</p> <p>2. A private school will receive laptop computers.</p>
Kipp	N/A - Did not use funds for this approach.
Lafayette	N/A - Did not use funds for this approach.
Lake	1. Professional development will be provided for instructional personnel to support the integration of technology in the classroom.
Lake Wales Charter	1. Earbuds for the digital SEL curriculum will be purchased to prevent cross use of headsets between students.
Lee	<p>1. Acquire a third <i>StarLab</i> (an inflatable, portable planetarium), which includes teacher guides, activities, discussion topics, and interactive digital lessons to ensure all elementary schools have access to a <i>StarLab</i>.</p> <p>2. Offer Esports as an afterschool enrichment activity for high school students, along with hiring Esports Coaches.</p> <p>3. Argument-driven Inquiry and STEM summer camps will provide opportunities to refine science and technology skills.</p> <p>4. Professional development for Visual Art teachers using online personalized learning platform (<i>Art Ed Pro</i>), includes classroom resources.</p> <p>5. Students will participate in Lee County Student Film and Television Festival to improve multimedia and technological skills.</p> <p>6. Implement online SEL curriculum (<i>Edgenuity</i>) with purchase of materials and PD for instructional through Lee County Virtual School.</p>

	7. Mobile hotspots were purchased for students that do not have reliable internet access and are enrolled in distance learning programs.
Leon	<ol style="list-style-type: none"> <li>1. The <i>First in Math</i> software program will be utilized in elementary classrooms for gifted/talented students to acquire higher level math skills.</li> <li>2. Mystery Science Program will be used in Gifted Education classes and STEM clubs for elementary school students. PD for instructional personnel will be included.</li> <li>3. Seven portable document cameras will be purchased for Gifted Education classrooms and Reading Intervention groups. Private schools will receive laptop computers.</li> </ol>
Levy	<ol style="list-style-type: none"> <li>1. Implement <i>Reflex</i>, a path fact fluency development system, adapted to individual student needs in grades K-5.</li> <li>2. Professional development for teachers by Reflex to assist teachers with planning support, lesson modeling, pacing guide alignment, and understanding data.</li> </ol>
Liberty	N/A - All funding for Well-rounded Educational Opportunities
Madison	<ol style="list-style-type: none"> <li>1. Through a partnership with Amazon and Edhesives and the district hiring a Computer Science educator, a Pre-AP and AP Coding class will be offered to high school students.</li> <li>2. A private school will receive Chromebooks.</li> </ol>
Manatee	<ol style="list-style-type: none"> <li>1. An Information Services Coordinator will provide PD to teachers for the effective use of hardware and software in the classroom and will monitor implementation of technology-based programs.</li> </ol>
Marion	<ol style="list-style-type: none"> <li>1. Discovery Education will continue to provide streaming and techbooks in 6 STEAM magnet schools. Instructional Personnel will be provided PD.</li> <li>2. CTE students will work with district staff to create a traveling Makerspace on a decommissioned school bus. The bus will travel to schools throughout the district and leave behind lesson plans to continue activities. Chromebooks and a hotspot will be purchased for the bus. A curriculum writing team will develop a standards-based curriculum for use on the bus.</li> </ol>
Martin	<ol style="list-style-type: none"> <li>1. A social emotional learning software program will be provided to teachers and Prevention Intervention Program Specialists for use with high school students. MESA, a web-based program will provide middle and high school students with access to a program to track their progress towards graduation.</li> </ol>

Miami-Dade	<ol style="list-style-type: none"> <li>1. A cadre of 5 Curriculum Support Specialists will offer Digital Convergence PD to teachers. The cadre offers 34 different courses. Both in-class support on a districtwide basis to facilitate technology integration into the classroom will be offered, along with districtwide trainings.</li> <li>2. District will hire 5 Instructional Coaches for 9 middle schools awarded the Verizon Innovative Learning School designation. Program is designed to increase technology for STEM lessons and activities.</li> <li>3. District will hire 11 Innovation Specialists to train teachers on the use of instructional technology in middle schools to increase digital literacy, project-based learning and interdisciplinary activities for students. They will also maintain and manage innovation spaces.</li> <li>4. Technology device repairs will be made available to all students to continue to bridge the digital divide and ensure all students have access to digital devices for remote learning.</li> </ol>
Monroe	<ol style="list-style-type: none"> <li>1. Five types of Digital Literacy Educational Programs/Technology trainings will be provided to instructional personnel. <ol style="list-style-type: none"> <li>1. <i>Canvas/Google Classroom</i> for technology integration</li> <li>2. <i>Flipped Learning</i> for technology integration in multiple delivery formats</li> <li>3. <i>Imagine Learning</i> for adaptive literacy and math lessons for EL students</li> <li>4. Carol Salva "<i>Boosting Achievement for ELs</i>" for hands-on visual learning in the core content areas</li> <li>5. <i>AVID Digital Technology</i> for integrating AVID strategies in a virtual environment</li> </ol> </li> </ol>
Nassau	<ol style="list-style-type: none"> <li>1. <i>Middle Mania</i>, an afterschool program and team building initiative will be implemented for the district's four middle schools, to include a wide variety of team choices for students. Teams may involve intramural sports, Tech/gaming, Chess, Droning, Chorus, dance/STOMP, SWAT, and others depending on interest at each school. Materials and supplies for the teams will be provided. Homework time with an instructor will be included.</li> <li>2. Remote tutoring for Homeless students will be provided by instructional personnel and computer technicians will be available to assist with computer issues.</li> <li>3. Private schools will receive technology devices and PD related to technology.</li> </ol>
Okaloosa	<ol style="list-style-type: none"> <li>1. A web-based platform subscription, Zoom, will be used in all middle schools to enhance distance learning.</li> </ol>
Okeechobee	<ol style="list-style-type: none"> <li>1. Two webinar trainings will be delivered by <i>Purpose Prep</i> to staff at both high schools. The training prepares instructional personnel to integrate SEL in classrooms.</li> <li>2. A webinar training for staff at one elementary school by <i>Successful Innovations</i> will prepare them to utilize Family Engagement on Demand app.</li> </ol>



Orange	<ol style="list-style-type: none"> <li>1. Weekly PD sessions at one high school will be available to teachers to help them nurture connections and build relationships with students, building an online community for students to connect with teachers and peers, deliver engaging and interactive content, manage time for individual check-ins, monitor student learning and translating physical supports to a virtual space.</li> </ol>
Osceola	<ol style="list-style-type: none"> <li>1. Private and Charter schools in the district will be provided with technology and other supplies to be able to deliver rigorous and engaging instruction to students.</li> </ol>
Palm Beach	<ol style="list-style-type: none"> <li>1. Professional Development for educators, school leaders, and administrators to implement <i>Digital Trailblazers</i> to build the school's digital culture. The 50 teachers first selected for the training became Google Certified Educators, who will then train others in the district. Priority enrollment for ESE educators. New teachers will be recruited in 2021 and a summer Educational Technology Conference has been planned.</li> <li>2. A STEAM Resource Teacher will be hired to support pedagogical principles and practices of STEAM curriculum integration at one middle school and provide PD and coaching for teachers to plan STEAM interdisciplinary units, with a special focus on utilizing technology.</li> <li>3. Private schools received Chromebooks, laptops, iPads, and charging carts to support classroom and distance learning for students.</li> </ol>
Pasco	<ol style="list-style-type: none"> <li>1. Access to distance learning will be provided to all students.</li> </ol>
Pinellas	<ol style="list-style-type: none"> <li>1. A <i>Microsoft Power BI</i> data tracking system will be used to track student performance and identify learning needs based on predictable, research-based Key Performance Indicators. This technology will also be used by MTSS Coaches, the FACE IT Coordinator, and Prevention Specialists.</li> <li>2. Private schools will receive funding for software and hardware and PD to increase digital literacy and the effective use of technology in the classroom.</li> </ol>
P.K. Yonge Lab School	N/A - Did not fund this approach.
Polk	<ol style="list-style-type: none"> <li>1. Technology Carts will be purchased for recharging devices anywhere on campus.</li> <li>2. Professional development will be provided to school instructional personnel in Tier 2 and 3 schools by a Teacher Leader Cadre (TLC) in core content areas.</li> <li>3. World Language educators will collaborate with educators for the same language to create digital content for World Language courses.</li> </ol>

	<ol style="list-style-type: none"> <li>4. Wacom Tablets will be provided for use in middle and high school Digital Art Imaging courses and AP Studio Art to allow students to physically draw and paint within a digital platform.</li> </ol>
Putnam	<ol style="list-style-type: none"> <li>1. The district acquired a mobile stem lab equipped with STEM kits, advanced technology and supplies to engage students in hands-on STEM lessons. A dedicated STEM instructor will continue to be funded to introduce new technology, such as augmented and virtual reality, while providing engaging STEM lessons for students in grades K-12. Lessons will be designed to introduce students to STEM careers.</li> </ol>
Santa Rosa	<ol style="list-style-type: none"> <li>1. Will continue with a Blended Learning Activity for Safe and Healthy Schools approach by funding Student Intervention Specialists to work with justice-involved youth using <i>Ripple Effects</i> software program.</li> </ol>
Sarasota	<ol style="list-style-type: none"> <li>1. Dashboards or other tools to help educators better understand the instructional needs of their students during periods with remote learning combined with the classroom setting.</li> <li>2. The district will continue with licensing for SnipeIT, a recordkeeping system to keep records and conduct regular audits of devices used by private schools, such as computers, 3-D printers, and document cameras.</li> </ol>
Seminole	<ol style="list-style-type: none"> <li>1. Educators will have an opportunity to participate in online or face-to-face PD. One hour long PD will focus on using technology to support SEL and a different one hour long PD on using technology to support mindfulness in the classroom.</li> </ol>
South Technical Charter Academy	<ol style="list-style-type: none"> <li>1. The LEA will continue with the <i>REMIND</i> application for its middle school for better communication and engagement with parents and for safety measures.</li> <li>2. Upgrade the <i>SWIVL</i> technology acquired last year. This technology records lessons in 360 degrees for review by educators (who self-select to use it), instructional coaches and mentors, and administrators to better refine the instructional process.</li> </ol>
St. Johns	<ol style="list-style-type: none"> <li>1. Instructional personnel will be provided online SEL professional development to enhance their skills and develop lessons while adapting to distance learning.</li> <li>2. The district will initiate an online screening program for identifying gifted students using iPad devices rather than paper screenings.</li> <li>3. External cameras and audio packs will be purchased for use in both the brick and mortar school setting and distance learning setting and will continue to be used through summer programs.</li> </ol>

St. Lucie	1. District will hire a Curriculum Technology Support Specialist to deliver online PD, conduct virtual meetings, and follow up classroom visits to support teachers in the use of Canvas and to integrate technology into lessons.
Sumter	1. Social Sentinel, a social media monitoring program, to identify threats to schools or individuals, will be utilized. Students will receive training on social media protocols.
Suwannee	<ol style="list-style-type: none"> <li>1. Continue to fund two Technology Coach positions to provide job-embedded technical support and training to assist instructional personnel with <i>Canvas</i>, our Learning Management System. Our Technology Coaches will also participate in <i>Canvas</i> PD.</li> <li>2. A Title IV, Part A grant Coordinator will continue to be funded to supervise grant activities, support technology integration and serve as the Canvas Administrator.</li> <li>3. A district subscription for Title I Crate will be partially funded by Title IV, Part A to assist with digitizing documentation to make organization and reporting more efficient.</li> <li>4. Esports teams as an afterschool club have been established at one middle and two high schools to keep students involved in activities that keep up student attendance.</li> </ol>
Taylor	1. Elementary school students will be provided with an opportunity to earn a Digital Citizenship and Cyber Safety Certificate. Middle school students will be offered to participate in Adobe CTE certificate program. High school students will be offered a Computer Science Coding course.
Union	1. Acquired laptop carts to provide a safe and secure storage area to student Chromebooks at the elementary school.
United Cerebral Palsy of Central Florida (UCP)	N/A – Funds were not allocated for this approach.
Volusia	1. A Digital Learning Teacher Leader (DLTLs) will be hired for every school to provide ongoing school-based assistance and support for all digital learning curriculum content and web-based learning platforms such as <i>Nearpod</i> and <i>Canvas</i> . DLTLs will also assist students and parents.
Wakulla	1. Funds will be used to repair damaged laptop devices for economically disadvantaged students. This is first year all students in middle and high school will have a laptop computer.
Walton	1. <i>Project Lead the Way</i> (PLTW) will be implemented in 2 elementary, 2 middle, and 1 magnet high school to provide hands-on STEM instruction and activities in computer science,

	<p>engineering, and biomedical science. Instructional personnel will receive PD. iPads will be used to enhance the PLTW programs.</p> <p>2. A private school is implementing <i>Seesaw</i>, an online learning platform designed to track individualized curriculum for students.</p>
Washington	<p>1. PAEC partnered with Washington Co. school district and will hire a Program Specialist to provide PD for teachers and school administrators to enhance effective use of technology in 14 PAEC districts.</p>