Jefferson County School District

DIGITAL CLASSROOM PLAN

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JEFFERSON COUNTY SCHOOLS
DISTRICT DIGITAL CLASSROOM PLAN

The intent of the District Digital Classroom Plan (DCP) is to provide a perspective on what the district considers being vital and critically important in relation to digital learning implementation, the improvement of student performance outcomes, and how this progress will be measured. The plan shall meet the unique needs of students, schools and personnel in the district as required by s.1011.62(12)(b), F.S.

Part I. OVERVIEW

1.1   <u>District Mission and Vision statements</u> –
The Mission of Jefferson County Schools is to ensure a safe, academically challenging environment that will provide college and career readiness opportunities for all students to become productive citizens in the 21st century.

We will accomplish this vision by creating a technological environment that allows all learners equal access to interact and collaborate successfully. We believe that the use of technology as a part of the curriculum should focus on supporting higher-level learning, problem solving, critical thinking skills, and collaboration.

Jefferson County School District has identified eight long-term goals for integrating technology into all aspects of the educational system. These goals will guide the technology planning process and the implementation of the plan during the duration of this plan.

These goals are:

1. Increase access to technology for stakeholders of the Jefferson County School District
2. Integrate technology into the curriculum aligned with the Florida Standards (FS) (content and performance standards).
3. Integrate technology to automate department paperwork and processes across the district.
4. Provide ongoing staff development for the implementation and use of technology.
5. Provide ongoing communication with and between the Board, other administration, teachers, staff, students, parents, and the community.
6. Establish district standards for infrastructure, procurement, hardware, software, and communications including upgrade and maintenance.
7. Identify the resources necessary to implement the technology plan.
8. Establish an ongoing process as a means to evaluate the effective implementation of the technology plan.

Jefferson County School District's Strategic Plan. The core strategies training, access, effective use of technology and continual technology growth of the strategic plan include and correlate to the technology plan as indicated:

- High quality, standards-based instructional program which correlates to the curriculum and effective, research- based methods as components of the plan.
- High quality staff which correlates to the professional development component of the plan.
- Safe and healthy learning environment which correlates to the infrastructure, hardware, technical support, and software component of the plan.
- Effective communication and outreach which correlates to effective collaboration strategies and monitoring and evaluation components of the plan.
- Managing fiscal resources which correlates to the funding and budget component of the plan.

Jefferson County School District believes that an ongoing commitment to current technology is an integral component of an educational process designed to:

- Prepare students to become competent lifelong learners.
- Improve student critical thinking, problem solving and decision making skills.
- Help students work ethically, independently, and collaboratively within a global environment.
- Enhance the learning environment to meet curricular needs across all subjects and grade levels.
- Improve equity of access to information, learning tools, and communications for all members of the learning community.
- Improve instructional strategies to increase student achievement regardless of ethnicity, socio-economic status, learning styles, or abilities.
- Accurately and efficiently assess, monitor, and communicate student progress.
- Improve communications among parents, students, teachers, and community.
- Provide teachers with consistent and high quality professional development opportunities that will allow them to become highly skilled at integrating technology into their curriculum.

The Vision of Jefferson County Schools is to be an educational system that prepares all students and stakeholders for a successful future.

The use of technology plays a key role in this vision. JCSD strives to:

- Make technology a part of learning activities: Technology is most effective when integrated as one component into learning environments and used as a tool for active construction of knowledge and skills by students. It should promote higher levels of critical and creative thinking and problem solving. In addition, computer devices need to be in classrooms and other locations where students and teachers have easy access throughout the day.

- Provide ongoing staff and curriculum development: Intensive staff and curriculum development are critical to realize the potential of new learning technologies. An ongoing update of technology plans and staff skills will be needed.
- Promote the location and use of information to solve problems: Effective use of and improved access to technology are factors in the rapid expansion of knowledge today. Therefore, the ability to find and use information to solve meaningful problems is an essential outcome of education for today and tomorrow. Technology will enable schools, teachers, parents, and citizens to change toward helping people "learn how to learn" on a life-long basis.
- Accommodate individual learning styles for all students: Restructuring of information into interactive multimedia provides assistance to learn with individual styles and paces customized to our needs. It allows us to present and understand information using text, images, and sound to overcome traditional learning difficulties.
- Facilitate communication and teamwork: Computer networks can facilitate student, teacher, and family communication and promote teamwork through voicemail, electronic mail, electronic bulletin board systems, file-sharing, and database sharing.

To achieve our vision for technology, we will focus on several projects:

1. Student computing – We will ensure that every student has access to a computing device when they need it with devices and policies differentiated by level and learner needs, to ensure access to information, increased collaboration, and multiple forms of student expression of learning.
2. Staff computing – We will provide all staff with the appropriate technology needed for high quality planning, instruction, and data use, as well as collaborative learning, including mobile computing for teachers and school administrators.
3. School learning spaces – We will create learning spaces that work for individual, small group, and large group instruction, and equip them with the right technology for collaborative projects and creative problem solving.
4. Networks and servers – We will upgrade our networks and servers so that students and staff can access resources when and where they need them.
5. Student information systems – We will improve our student data systems to help students and staff tailor learning based on students' strengths and needs.
6. Professional learning for staff – We will implement ongoing, relevant, and collaborative professional learning for staff around instructional technology.
7. Support for all – We will provide students, staff, and families with high-quality technical support and strategies for authentic engagement.

Thoughtful and innovative use of technology is a key tool for our district as we stay focused on providing the very best instruction to every student.

District Profile –

Jefferson County School District is located in Jefferson County Florida. Jefferson County is a rural county with a population of approximately 14,439 residents. The small population density negates competition to provide Internet access, many areas have very limited or no access to the Internet. The school system has had a declining enrollment, falling from 1,575 in 2002 to less than 900 in 2014. The school system consists of three schools, Jefferson elementary (pk-5), Jefferson County Middle/High School (6-12), and Jefferson County Adult School (Adults). The County has 61% white, 36% Black and 3% Hispanic and other.

1.3   District Team Profile -

Title/Role	Name:	Email/Phone:
District Leadership Contact	Al Cooksey	Al.Cooksey@jeffersonschooldistrict.org
Information Technology District Contact	Tom Vogelgesang	Tom.Vogelgesang@jeffersonschooldistrict.org 850-342-0100
District Support Contact	Nancy Whitty	Nancy.Whitty@jeffersonschooldistrict.org 850-342-0100
Finance District Contact	Robert Lloyd	Robert.Lloyd@jeffersonschooldistrict.org 850-342-0100
Elementary Leadership	Elizabeth DeCardenas	Elizabeth.DeCardenas@jeffersonschooldistrict.org 850-342-0115
Elementary Media Specialist	Benjamin Blue	Benjamin.Blue@jeffersonschooldistrict.org 850-342-0115
Jefferson Middle/High Leadership	Terrell Davis	Terrell.Davis@jeffersonschooldistrict.org 850-997-3555
Jefferson Middle/High Teacher	Lloyd Helms	Lloyd.Helms@jeffersonschooldistrict.org 850-997-3555
Federal Grants	Tammy McGriff	Tammy.McGriff@jeffersonschooldistrict.org 850-342-0100
Special Student Education/Curriculum	Kay Collins	Kay.Collins@jeffersonschooldistrict.org 850-342-0100

1.2   Planning Process

The committee was formed to include stakeholders in the process of determining the direction and purpose of technology in the District. Using information from School Improvement Plans, surveys, and known challenges to technology integration in the learning and administrative arena. Targets for student performance gains were established. Establishing a base of "where we are" was a priority for the committee. With the targets in place strategies were created to achieve these goals. Core activities necessary to reach the goals were decided upon, the activities were prioritized and an implementation plan was created.

Jefferson County School District is committed to reaching all learners, regardless of their abilities. Students with disabilities require accommodations and modifications, and our staff is devoted to utilizing flexible ways to present information They also provide students with various ways to express themselves in order to increase active engagement in different settings and situations. . Software to help ELL students is available to assist in the learning of the English language.

In addition, assistive technology devices are available for students with disabilities to participate, communicate, and learn more effectively in the classroom. An assistive technology device is any item, piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve the functional capabilities of a child with a disability. The district employs a variety of assistive technology devices to augment, supplement and compliment the educational process for students with special needs as necessary. Child Study Teams identify assistive technology needs on a case-by-case basis.

1.5   Multi-Tiered System of Supports (MTSS)-

The Multi-Tiered System identifies three levels of instruction and the intensity of the interventions needed at each tier or level. Each tier represents the following:

Tier 1: Core universal instruction and supports for all students

Tier 2: Targeted supplemental interventions and supports some "at risk" students may receive along with core academics and behavioral instruction.

Tier 3: Intensive individualized interventions and supports few "at risk" students receive in addition to and aligned with core academic and behavior curriculum and instruction.

The district will take a systematic approach to instruction so that academic or behavioral problems are responded to promptly. A Preventative Model will be utilized as students in the lowest 35% will be identified, receive remediation in a small group setting, as data is collected to monitor their progress.

FAIR and Discovery Education will be given as baseline and mid-year assessments to determine normative date. Reading/Math Weekly Benchmark Assessments along with Success Maker/ Imagine Learning data will be used to target mastery of basic skills. Students that fall in the Tier II and Tier III category or lowest 35% will be placed on the RtI Master List.

An MTSS team will be established at each school site which will consist of the Administration, School Psychologist, Guidance Counselor, Speech/Other Therapist, Academic Coaches, and Teacher. The MTSS team will meet regularly to track student progress. Decisions will be based on student data as progress monitoring charts are reviewed. Effective interventions along with assessments needed to determine mastery will be discussed.

Teachers will monitor and charts student progress weekly or biweekly. The academic coaches and other support staff will provide resources for interventions and assist will intervention training. If the integrity of the data is high, adjustments will be made on the intensity of interventions. The overall goal is to reduce or eliminate the "at risk" students in academic and behavioral instruction.

Part II. DIGITAL CLASSROOMS PLAN –STRATEGY

STEP 1 – Need Analysis:

Jefferson County School District has identified current district needs based on student performance outcomes and other key measurable data elements for digital learning in the following areas.

1. Student Performance Outcomes
2. Digital Learning and Technology Infrastructure
3. Professional Development
4. Digital Tools
5. Online Assessments

■ **Highest Student Achievement**

Student Performance Outcomes: EOC Outcomes not considered

*Student Performance Outcomes		Baseline		Target		Date for Target to be Achieved
1.	ELA Student Achievement	R-34	W-40	R-53	W-58	2017
2.	Math Student Achievement	33		53		2017
3.	Science Student Achievement	32		35		2015
4.	ELA Learning Gains	R-54		R-57		2015
5.	Math Learning Gains	56		59		2015
6.	ELA Learning Gains of the Low 25%	67		68		2015
7.	Math Learning Gains of the Low 25%	60		61		2015
8.	Overall, 4-year Graduation Rate	35		40		2015
9.	Acceleration Success Rate					

*Information from http://schoolgrades.fldoe.org

- Quality Efficient Services

Technology Infrastructure: There are currently two school sites Jefferson Elementary School (JES) and Jefferson County Middle High School (JCMHS)that will be addressed in this plan. The wireless infrastructure, wireless access points (WAPs) were installed as part of the 2013-14 Rural Wireless Grant Program and 2014-15 is the first year of use. The majority of the classrooms at JES are in a pod style building with little structural interference. The WAP's are installed such that a single access point covers two classroom spaces. The structures of JCMHS and JES are such that a 1:1 WAP configuration may not be needed for coverage according to the engineers who designed the system.

The bandwidth usage is being reviewed as this plan is being developed. The information on current usage will be used to determine future rate of bandwidth growth. The standards for bandwidth may make assumptions that preclude the need for bandwidth necessary for WAN-Internal connections. Preliminary review indicates that the bandwidth from school locations to the District Office may need to be increased. The District uses mostly hosted software or has servers at school sites to run software at the individual schools. The level of internal bandwidth (currently 10Gig) at the schools meets the recommended bandwidth for 2017-18 school year.

A strategy to develop lifecycle replacement for technology devices is a strategy that will be identified in this document. This will help to clarify timelines as this document is updated over time.

Infrastructure Needs Analysis (Required)		Baseline	Target	Date for Target to be Achieved *(year)*
1.	Student to Computer Device Ratio	JES 2:1	1:1	2015
		JCMHS 2:1	1:1	2016
2.	Count of student instructional desktop computers meeting specifications	JES 220	250	March 2015
		JCMHS 204	240	March 2015
3.	Count of student instructional mobile computers (laptops) meeting specifications	JES -0	0	NA
		JCMHS – 0	400	2017
4.	Count of student web-thin client computers meeting specifications	JES - 15	None	NA
		JCMHS – DNA	None	NA
5.	Count of student large screen tablets meeting specifications	JES – 4	440	May 2015
		JCMHS – 60	60	Met
6.	Percent of schools meeting recommended bandwidth standard- ISP External Connection	100% (Rec. 100 Mbps per 1000 students)	1000Mbps	July 2017
7.	Percent of schools meeting recommended bandwidth standard- WAN Internal Connection	0% (Have 100 Mbps per school – Rec. 450 meg per school)	10,000Mbps	July 2017
8.	Percent of wireless classrooms (802.11n or higher)	JES - 75%	100%	July 2016
		JCMHS-61%	100%	July 2016
9.	Classrooms with mounted projector, sound, and interactive whiteboard	JES – 14 Classrooms	14 more Classrooms	July 2015
		JCMHS – 100%	Met	NA
10.	Number of classrooms with wireless controllers (ex. Slate)	JES – 14 Classrooms	14 more Classrooms	Oct 2014
		JCMHS – 0 Classrooms	TBD	July 2016

■ Skilled Workforce and Economic Development

Professional Development:
Instructional Professional Development will be evaluated based on the level of current technology integration by teachers into classrooms. The Technology Integration Matrix (TIM) allows individuals to self-assess and administrators to assess technology integration. There are five areas in the matrix:

- Entry
- Adoption
- Adaptation
- Infusion
- Transformation

Non-instructional Staff technology professional development will be evaluated based on the needs as determined by a survey. Staff plays a key role in assisting Instructional personnel with the reporting of student progress information and state reporting. The technology used in their day to day job performance. The use and understanding of the student information system, finance and payroll, Office software, communication tools, and hardware will be used as the basis of the training.

Information technology personnel professional development needs will be based on needs to support the Digital Classroom Plan (DCP). The implementation of specific management tools will be necessary. Many opportunities exist that will offer support to the successful implementation of the DCP. Specific training needs are identified in the analysis with implementation of the management tool being the measure.

Professional Development Needs Analysis	Baseline	Target	Date for Target to be Achieved *(year)*
1. Average Teacher technology integration via the TIM. Initial data is estimated, actual data will be entered upon completion of the initial TIM (target Dec. 2014).	Entry – 80% Adoption – 13% Adaptation – 4% Infusion – 2% Transformation-1%	90% of teachers will improve at least 1 level based on actual data to be determined through the TIM survey	August 2015
2. Average Teacher technology integration via the TIM (Elementary Schools) Initial data is estimated, actual data will be entered upon completion of the initial TIM (target Dec. 2014).	Entry – 85% Adoption – 11% Adaptation – 3% Infusion – 1% Transformation -0%	90% of teachers will improve at least 1 level based on actual data to be determined through the TIM survey	August 2015
3. Average Teacher technology integration via the TIM (Middle/High School) Initial data is estimated, actual data will be entered upon completion of the initial TIM (target Dec. 2014).	Entry -75% Adoption – 20% Adaptation -3% Infusion - 1% Transformation -1%	90% of teachers will improve at least 1 level based on actual data to be determined through the TIM survey	August 2015
4. Technology support personnel training on use of management tools.	Active Directory Mobile Device MGT Chrome Deployment Apple Deployment Internet Filter Wireless MGT Computer patch/update process VOIP	Training in 80% of noted tools to 100% of IT staff.	August 2015
5. Non-Instructional Support staff training on software to support Instructional personnel	FOCUS SIS FOCUS Finance Office – Word, Excel Web Site Paper reduction School Systems Phone\voicemail	Training will be offered as needed to personnel.	On Going

- **Seamless Articulation and Maximum Access**

Digital Tools: Jefferson County Schools will continue to implement and support a digital tools system that assists district instructional personnel and staff in the management, assessment and monitoring of student learning and performance.

Digital tools available to personnel includes:

Digital Tool	Purpose	Year introduced
Discovery Education- JES/JCMHS	Progress Monitoring	2013-14
Success Maker – JES	Progress Monitoring	2012-13
Imagine Learning – JES	Progress Monitoring	2013-14
Star Reading – JES	Progress Monitoring	UNK
Accelerated Reading- JSE/JCMHS	Progress Monitoring	UNK
Edgenuity – JCMHS	Credit Recovery	2014
Achieve 3000 –JCMHS		UNK
Read 180 – JCMHS	Reading Remediation	UNK
FOCUS SIS – JES/JCMHS	Grades, Attendance, Data	2011-12
DOE - SINGLE SIGN ON – All Staff	C-Palms, PMRN, ITPM	2013-14
Focus Finance –Support Staff	Finance/Personnel	2014-15
On Course –JCMHS	Lesson Planning	2014-15
Microsoft Office-All users	Productivity	2013-14

Digital Tools Needs Analysis	Baseline	Target	Date for Target to be Achieved *(year)*
1. Implementation status of a system that enables teachers and administrators to access information about benchmarks and use it to create aligned curriculum guides.	No system in place	Will work to implement and employ	TBD
2. Implementation status of a system that provides teachers and administrators the ability to create instructional materials and/or resources and lesson plans.	No system in place	Will work to implement and employ	TBD
3. Implementation status of a system that supports the assessment lifecycle from item creation, to assessment authoring and administration, and scoring.	No system in place	Will work to implement and deploy	May 2016
4. Implementation status of a system that includes district staff information combined with the ability to create and manage professional development offerings and plans. (PAEC)	Fully implemented	Will continue to support and employ in classrooms	On going
5. Implementation status of a system that includes comprehensive student information that is used to inform instructional decisions in the classroom, for analysis and for communicating to students and parents about classroom activities and progress. (FOCUS)	Fully implemented	Will continue to support and employ in classrooms	On going
6. Implementation status of a system that leverages the availability of data about students, district staff, benchmarks, courses, assessments and instructional resources to provide new ways of viewing and analyzing data. (Discovery ED)	Partially implemented	Will work to implement and employ	June 2015
7. Implementation status of a system that houses documents, videos, and information for teachers, students, parents, district administrators and technical support to access when they have questions about how to use or support the system. (FOCUS)	Fully implemented	Will continue to support and employ in classrooms	On going
8. Implementation status of a system that includes or seamlessly shares information about students, district staff, benchmarks, courses, assessments and instructional resources to enable teachers, students, parents, and district administrators to use data to inform instruction and operational practices. (FOCUS, Discovery ED)	Partially implemented	Will work to implement and employ	June 2016
9. Implementation status of a system that provides secure, role-based access to its features and data for teachers, students, parents, district administrators and technical support. (FOCUS)	Fully implemented	Will continue to support and employ in classrooms	On going

- **Quality Efficient Services**

Online Assessment Readiness:
In order to reduce the number of testing days necessary to complete required Computer based assessments, Jefferson School District needs to add additional devices and bandwidth. Creating additional labs and CBT opportunities will help to reduce the time necessary to set aside for testing.
As devices are added, so will the need for bandwidth.

Online Assessments Needs Analysis		Baseline	Target	Date for Target to be Achieved *(year)*
1.	Computer-Based Assessment Certification Tool completion rate for schools in the district (Spring 2014)	Completed Spring 2014	Complete as required by FLDOE	As Required
2.	Computers/devices required for assessments (based on schedule constraints)	JES Lab A - 29 Lab A-1 -19 Lab B - 24 Lab C - 24 JCMHS Media - 24 Lab S1 - 18 Lab S2 - 20 Lab B - 24 C-110 Lab – 22	JES Lab A - 24 Lab A-1 - 18 Lab B - 24 Lab C - 24 NEW Lab – 24 JCMHS Media -26 Lab S1 - 26 Lab S2 -26 Lab B - 26 C-110 Lab – 24 NEW lab - 26	March 2015
3.	Number of computer labs meeting standards for CBT – Elementary (24 stations)	3	4	March 2015
4.	Number of computer labs meeting standards for CBT – Middle/High (24 stations)	5	6	March 2015

Step 2 - GOAL SETTING

These goals are:
1. Increase access to technology for stakeholders of the Jefferson County School District
2. Integrate technology into the curriculum aligned with the Florida Standards (FS) (content and performance standards).
3. Integrate technology to automate department paperwork and processes across the district.
4. Provide ongoing staff development for the implementation and use of technology.
5. Provide ongoing communication with and between the Board, other administration, teachers, staff, students, parents, and the community.
6. Establish district standards for infrastructure, procurement, hardware, software, and communications including upgrade and maintenance.
7. Identify the resources necessary to implement the technology plan.
8. Establish an ongoing process as a means to evaluate the effective implementation of the technology plan.

Step 3 – Strategy Setting

The strategies are grouped according to the key measurable data elements for digital learning as addressed in the needs analysis.

Maximize Student Performance		
Strategy	**Measurement**	**Timeline**
Teacher, School, District Curriculum Personnel to identify high quality digital content aligned to the Florida Standards	Purchase instructional materials in digital format	50% of curriculum purchases to be completed by June 2015
IT staff will purchase and provide completion instruction to school staff for use of TIMS	Purchase of software - completion of initial survey	December 2014
School staff will identify currently utilized software and evaluate its effectiveness on student performance	Staff evaluation	May 2015
Teachers will utilize district web sites to direct students to appropriate web sites to provide additional information and understanding of curriculum	Teachers will have links to curriculum material through the District/Schools web site.	May 2015 - ongoing
The District will provide age appropriate materials and lessons for teachers to instruct students in digital citizenship	Lessons documenting use	May 2015 – ongoing
Teachers will identify grade level appropriate curriculum in computer operation and infuse it into curriculum	Teachers provided lessons showing integration of computer integration for students	May 2015 - ongoing

Maximize Digital Learning and Technology Infrastructure		
Strategy	**Measurement**	**Timeline**
Bandwidth will be increased to meet/exceed state minimum standards	Bandwidth amount	2015-ongoing
Wireless access points will be increased to support wireless devices	Purchase WAP	2014 –ongoing
District will move to single sign on for teachers and staff for Focus, Active Directory and FLDOE single sign on applications	Fully implemented	2015 – ongoing
Technology committee will develop a classroom technology plan to guide technology budgeting and purchases	Plan to be developed	May 2015
Establish technology life cycle goals	Goals written	May 2015
All new software/program purchases will be evaluated as to impact on instruction, computers and support	Evaluation criteria to be developed	July 2015
IT Dept will assess internet filter options to allow age appropriate access to quality educational materials	Decision on filter option	Feb 2015

Provide Professional Development To Support District Goals		
Strategy	**Measurement**	**Timeline**
Following teacher completion of TIMS tool survey, specific technology training needs will be identified.	Create list of technology training needs	Dec 2014
District will provide training opportunities in technology as identified in the TIMS survey.	Training schedule	Jan 2015-Ongoing
JES teachers will be provided technology training to support the use of devices by all students in the classroom.	Training Schedule	August 2015
District will seek qualified specialists to support the IT staff in the management and support of technology in the classroom.	Documentation identifying training and trainers	August 2014 - ongoing
District will include professional development in digital software purchases	Professional development implementation	August 2014 – ongoing
District will utilize resources provided by PAEC for professional development in technology	Professional development completion through PAEC	August 2014 - ongoing

Providing Students and Staff With Appropriate Digital Tools		
Strategy	**Measurement**	**Timeline**
School administrative staffs will utilize TIMS observation tools when completing annual teacher evaluations.	Sample of teacher evaluation tool	May 2014 – ongoing
Teachers will identify digital tools in their curriculum area that will allow students to better utilize technology in the classroom	Creation of subject area/grade level /teacher web sites on schools websites	August 2014 - ongoing
Teachers will require at least one digital project by students	Lesson plan showing project.	May 2015 - ongoing
Parents will be informed of opportunity to track student grades, lessons and attendance in FOCUS	Documentation of presentations to parents	August 2014 – ongoing
JES Classrooms will be outfitted with a mounted projector, sound, promethean software and a slate	Purchase/install necessary equipment	October 2014
JES classroom teachers will be provided with a laptop that meets or exceeds minimum recommendations	Purchase laptops for teachers	October 2014
Grades K,1,2 students will be provided with a tablet device to be able to access digital instruction	Purchase devices	Nov 2015
Grade 3, 4, 5 students will be provided a tablet device with an keyboard to access digital instruction	Purchase devices	Nov 2015
Technology committee will develop a classroom technology plan to guide technology budgeting and purchases	Plan developed	May 2015
Grades 6-12 students will be provided a digital device for use in class	Purchase of devices	August 2016

Maximizing access to on line assessments to minimize student time away from instruction		
Strategy	**Measurement**	**Timeline**
One additional lab will be created at both school sites for on-line testing	Creation of the lab	March 2015
New computer purchases will meet minimum specifications for on-line testing	Standards maintained on new purchases	October 2014 - ongoing
Evaluate existing computer labs creating a plan to maximize effectiveness for online testing	Evaluation documentation	Dec. 2014

Part III. DIGITAL CLASSROOMS PLAN - ALLOCATION PROPOSAL

The DCP and the DCP Allocation must include five key components as required by s.1011.62(12)(b), F.S. In this section of the DCP, districts will outline specific deliverables that will be implemented in the current year that are funded from the DCP Allocation. The five components that are included are:

A)   Student Performance Outcomes
B)   Digital Learning and Technology Infrastructure
C)   Professional Development
D)   Digital Tools
E)   Online Assessments

This section of the DCP will document the activities and deliverables under each component. The section for each component will include:

o   Implementation Plan – Provide details on the planned deliverables and/or milestones for the implementation of each activity for the component area. This should be specific to the deliverables that will be funded from the DCP Allocation.

o   Evaluation and Success Criteria – For each step of the implementation plan, describe process for evaluating the status of the implementation and once complete how successful implementation will be determined. This should include how the deliverable will tie to the measurement of the student performance outcome goals established in component A.

A) Student Performance Outcomes

Districts will determine specific student performance outcomes based on district needs and goals that will be directly impacted by the DCP Allocation. These outcomes can be specific to a individual school site, grade level/band, subject or content area, or district wide. These outcomes are the specific goals that the district plans to improve through the implementation of the deliverables funded by the DCP Allocation for the 2014-15 school year.

Outcomes					
Student Performance Outcomes		**Baseline**		**Target**	
1.	ELA Student Achievement	R-34	W-40	R-53	W-58
2.	Math Student Achievement	33		53	
3.	Science Student Achievement	32		35	
4.	ELA Learning Gains	R-54		R-57	
5.	Math Learning Gains	56		59	
6.	ELA Learning Gains of the Low 25%	67		68	
7.	Math Learning Gains of the Low 25%	60		61	
8.	Overall, 4-year Graduation Rate	35		40	
9.	Acceleration Success Rate				

B) Digital Learning and Technology Infrastructure

State recommendations for technology infrastructure can be found at (Appendix A) http://www.fldoe.org/BII/Instruct_Tech/pdf/Device-BandwidthTechSpecs.pdf. These specifications are recommendations that will accommodate the requirements of state supported applications and assessments.

		Digital Learning and Technology Infrastructure				
		Infrastructure Implementation				
	Deliverable	Estimated Completion Date	Estimated Cost	School	Outcome (from Section A)
B.1	Evaluation of technology and infrastructure needs by outside evaluator to help direct growth of infrastructure.	Dec 2014	$3,000	District Wide	1 – 7
B.2	Purchase Internet filter that allows flexible age appropriate filtering	March 2015	$8,000	District Wide	1-7

Infrastructure Evaluation and Success Criteria		
Deliverable	Monitoring and Evaluation	Success Criteria
B.1	Receipt of technology inventory and infrastructure analysis	Delivered report
B.2	Purchase order and operating product	Installed and operational

C) Professional Development

State recommendations for digital learning professional development include at a minimum,
– High Quality Master In-service Plan (MIP) Components that address:
- School leadership "look-fors" on quality digital learning processes in the classroom
- Educator capacity to use available technology
- Instructional lesson planning using digital resources
- Student digital learning practices

PAEC is currently working on the HQMIP to include the above requirements.

	Deliverable	Estimated Completion Date	Estimated Cost	School/ District	Outcome
	Professional Development Implementation				
C.1	All District teachers will complete on line TIMS self-assessment tool	Dec 2014	$1500.	All District teacher	1-7
C.2	Train JES teachers in use of Chrome tablets for student use through a train the trainer model	Dec 2014	Professional Development for Digital Learning Grant	JES	1-7
C.3	Train IT staff in areas of Active Directory Mobile Device MGT Chrome Deployment Apple Deployment Internet Filter Wireless MGT Computer patch/update process (MDS) VOIP	June 2015	$15,000	District	
C.4	Provide Stipends and Sub pay for training	June 2015	$13,000		

Deliverable	Monitoring and Evaluation	Success Criteria
	Professional Development Evaluation and Success Criteria	
C.1.	Completion of Survey	100% completion by current teachers
C.2.	Workshop attendance	Classroom observation of appropriate use
C.3.	Attendance in training	Implementation of processes.
C.4.	Monitor attendance and usage of training opportunities	Teachers are implementing into lessons

D) Digital Tools

Digital Tools should include a comprehensive digital tool system for the improvement of digital learning. Districts will be required to maintain a digital tools system that is intended to support and assist district and school instructional personnel and staff in the management, assessment and monitoring of student learning and performance.

Digital tools may also include purchases and activities to support CAPE digital tools opportunities and courses. A list of currently recommended certificates and credentials can be found at: http://www.fldoe.org/workforce/fcpea/default.asp. Devices that meet or exceed minimum requirements and protocols established by the department may also be included here.

Implementation Plan for D) Digital Tools:

	Deliverable	Estimated Completion Date	Estimated Cost	School/ District	Outcome from Section A)
Digital Tools Implementation					
D.1	JES Teacher Laptops	October 2014	$24,500	All JES classroom teachers	1 - 7
D.2	Purchase mounted projectors, sound, interactive whiteboard, slate	October 2014	$33,600	14 JES classrooms	1 – 7
D.3	Purchase tablet devices for K,1,2 students.	Jan 2015	$58,800	JES	1 – 7
D.4	Purchase charging stations for tablets	Jan 2015	$28,600	JES	1 – 7
D.5	Purchase tablet devices for grades 3-5	Jan 2015	$49,000	JES	1 – 7

Deliverable	Monitoring and Evaluation	Success Criteria
Digital Tools Evaluation and Success Criteria		
D.1.	Purchase Order	Computers issued to teachers
D.2.	Purchase Order	Devices available in classrooms
D.3.	Purchase Order	Devices available in classrooms
D.4.	Purchase Order	Devices available in classrooms
D.5.	Purchase Order	Devices available in classrooms

E) Online Assessments

Technology infrastructure and devices required for successful implementation of local and statewide assessments should be considered in this section. In your analysis of readiness for computer-based testing, also examine network, bandwidth, and wireless needs that coincide with an increased number of workstations and devices.

Districts should review current technology specifications for statewide assessments (Appendix B) (available at www.FLAssessments.com/TestNav8 and www.FSAssessments.com/) .

<table>
<tr><th colspan="6">Online Assessment Implementation</th></tr>
<tr><td></td><td>Deliverable</td><td>Estimated Completion Date</td><td>Estimated Cost</td><td>School/ District</td><td>Outcome from Section A</td></tr>
<tr><td>E.1.</td><td>Implement process for restricting other bandwidth and/or burst bandwidth speeds during testing windows</td><td>September 2014</td><td>$5,000</td><td>District</td><td>1-7</td></tr>
<tr><td>E.2.</td><td>Purchase necessary furniture to obtain optimal testing environment</td><td>February 2015</td><td>$25,000</td><td>JES/JCMHS</td><td>1-7</td></tr>
</table>

<table>
<tr><th colspan="3">Online Assessment Evaluation and Success Criteria</th></tr>
<tr><td>Deliverable</td><td>Monitoring and Evaluation</td><td>Success Criteria</td></tr>
<tr><td>E.1.</td><td>Installation of equipment/software to limit bandwidth during testing</td><td>System working</td></tr>
<tr><td>E.2.</td><td>Purchase Orders</td><td>Testing Labs setup</td></tr>
</table>