

Technology Plan: The World to Our Students
Cloverport Independent School District
Cloverport, Kentucky



<http://www.cloverport.kyschools.us>

Creation Date: April 30, 2016

Revision Date: April 30, 2016

Plan Start Date: July 1, 2016

Plan Expiration Date: June 30, 2018

Approved Date: Pending Commonwealth Approval

Acknowledgments

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Technology Vision and Goals

1. District Vision: All students Life Ready, and 21st Century prepared.
2. District Mission: To engage all learners and educators by building communities of learning, utilizing effective 21st Century strategies with personalized learning.
3. Technology Vision: The vision of the Cloverport Community Public Schools is to provide each student with what they need to become educated, successful citizens of our community, nation and world. Technology will provide tools for teaching and learning that promote learning at high levels and provide access to resources and information.
4. Our district will provide teachers with the appropriate technology tools to provide individualized instruction for each student through an integrated multimedia system that enables large-group access to electronic resources.
5. Our district will continue to provide students with small-group and individual technology tools to learn through access to student workstations connected to electronic instructional resources (Star Reading, Raz kids, IXL Reading and Math, etc...).
6. Our district will fully utilize the resources of the technology resource teacher to provide the necessary training so that in-house PD can be developed and implemented to fully utilize the “smart classroom” equipment in K-12.
7. Our district will use Network Authentication software that will allow us to easily manage the student devices.

Goal 1:

Improve communication between school and homes through maintenance of classroom telephone systems, school website, Infinite Campus Parent Portal and the use of the One Call Now system.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Maintain school website with a user-friendly interface for updating information.	Improve performance through increased parent-teacher and student-teacher communication	Web Site Traffic Web Site Resource Availability	April 2016- June 2020	Chief Information Officer, DTC, Superintendent, Cloverport Independent teachers/staff	General Funds
Maintain the One Call Now Telephone Notification Service.	Improve communication between our schools and our parents and students.	One Call Now User Logs	June 2016-July 2020	Chief Information Officer, District Technology Coordinator, Principal/ Superintendent	General Funds
Maintain Parent/Student Infinite Campus Portal	Communicating with students and parents about students' grades	Parent portal logs	Ongoing	Chief Information Officer	KDE Provided

Goal 2:

Improve instruction through increased availability of instructional devices to students throughout the school building.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Provide student access to instructional software (Raz Kids, Quizlet, Renaissance Place...) and Internet resources.	Improve student performance through regular use of instructional tools.	State Assessment Results	July 2016- June 2020	CIO TRT	KETS Funds General Funds 21 st CCLC Funds
Maintain devices given to students (1-1 district-wide initiative)	Improve student performance through regular use of	State Assessment Results, Technology Inventory	Ongoing	CIO DTC Superintendent	General Funds KETS Funds

	instructional tools				
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Goal 3:

Implement smart classrooms in all K-12 classrooms and train our teachers how to fully utilize these tools via in-house PD from our Technology Resource Teacher.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Provide training to all teachers on using the available smart classroom tools, including new student devices.	Improve student performance through engaging instruction.	Instructional Rounds Notes Sign-Ins/ Agendas	July 2012- June 2020	TRT CIO	KETS General Funds

Goal 4:

Provide cellular communication devices to key district personnel to improve communication and response times to important issues in our district.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to provide cellular communication devices to key district personnel to improve communication and response times.	Improve communication and response times of important issues in the district.	Technology Inventory	Ongoing	CIO Assistant DTC CFO Superintendent	USF Funds General Funds

Student Technology Literacy Skills

Goal 1:

Students will select and use appropriate digital tools to enhance their learning.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will independently use educational programs appropriately.	Academic performance will improve as a result of increased individual instruction.	State Assessment Scores	July 2012- June 2020	All Cloverport Teachers CIO TRT	21 st CCLC Funds District Funds
Students will be able to navigate independently to appropriate instructional websites and apps.	Student engagement will improve, students will be accountable for their own learning.	State Assessment Scores Simple Assessment Scores	Ongoing	All Cloverport Teachers TRT	N/A

Goal 2:

Students will be able to communicate knowledge and understanding in a variety of real-world forms.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will be able to complete tasks using digital tools such as Google Apps for Education, e-mail, DropBox, office applications, and technology resources.	Student engagement will improve; students will be accountable for their own learning.	Simple Assessment Scores Student Created Projects	Ongoing	All Cloverport Teachers TRT CIO	N/A
Students will be able to use smart classroom tools (computer, iPad, Chromebooks, iPod, etc...) to communicate with teachers, other learners.	Student engagement will improve; students will be accountable for their own learning.	Simple Assessment Scores Student Created Projects	ongoing	All Cloverport Teachers TRT	N/A

Integration of Technology into Curricula and Instruction

Goal 1:

Teachers will use technology tools and resources to meet the diverse learning needs of students.

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Teachers use educational software and applications monitor student learning and assign activities.	Academic performance will improve as a result of increased individual instruction.	State Assessment Scores Teacher Lesson Plans	July 2012-June 2020	All Cloverport Teachers CIO TRT	21 st CCLC Funds District Funds
Teachers use smart classroom tools (digital camera, iPad, Chromebooks, etc...) to provide highly effective instruction.	Academic performance will improve as a result of highly effective instruction.	State Assessment Scores Teacher Lesson Plans	July 2020-indefinitely	All Cloverport Teachers TRT	N/A

Goal 2:

Teachers will integrate a variety of digital learning resources to increase learning options for all students.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Teachers maintain online information (web sites, parent portal) to increase learning options and communication between home and school.	Student academic performance will improve as a result of highly effective teaching.	Teacher Web Sites Parent Portal Information	July 2012-indefinitely	All Cloverport Teachers TRT CIO	KETS Funds General Funds
Teachers use smart tools to offer virtual field experiences, collaborations or	Student performance will improve as a result of access to	Teacher Lesson Plans Student Completed Projects	July 2012-indefinitely	All Cloverport Teachers TRT CIO	KETS Funds General Funds

career explorations.	quality digital tools.				
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Staff Training/Professional Development

Goal 1:

Provide regular, ongoing training to all staff in continued use of smart classroom tools.

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Integrate technology training into faculty meetings.	Teacher effectiveness will improve through use of engaging digital tools.	Sign-In Sheets Agendas	Indefinitely	TRT Principal	N/A
Provide focused training on use of newly acquired resources (GAPE, Chromebooks).	Academic performance will improve as a result of use of effective digital resources.	Sign-In Sheets Agendas	July 2012- June 2018	TRT Superintendent CIO	N/A

Goal 2:

Stay up-to-date and informed of available technology tools and resources.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue attendance at KYSTE Conference.	District level planning and implementation of effective digital tools.	Conference registration and certificate	Yearly	TRT CIO Assistant DTC Superintendent	KETS Funds PD Funds
Continue attendance at technology regional meetings, other appropriate sessions.	District level planning and implementation of effective digital tools.	Registration and attendance certificates	Monthly	CIO Assistant DTC TRT Superintendent	KETS Funds PD Funds

Current Technology and Resources

The Cloverport Schools is working hard to support a platform that will enable our students to excel in a technological world. Some of our current resources are:

- The middle school and high school share a computer lab with 33 up-to-date computers.
- All elementary classrooms have a wireless slate, document camera, and overhead projector.
- All middle school classrooms have a document camera and an overhead projector.
- All high school classrooms have an overhead projector and a document camera.
- All classrooms in K-12 have a Teacher Apple iPad that is used for instructional purposes.
- All primary through 12th grade classrooms have a multimedia projection system hooked to the teacher's workstation and a VCR/DVD player to use in classroom presentation of electronic resources.
- All High School students have an iPad 2 for instructional use
- All Middle School students have an iPad 2 for instructional use
- All students in grades 1-5 have an iPad Mini (4th generation) for instructional use
- All preschool and kindergarten students have an iPod touch for instructional use
- All classrooms and staff offices have telephone access through a centralized telephone system.
- Several of the elementary, middle, and high school classrooms have interactive whiteboards for use in interactive demonstrations.
- The overwhelming majority of student workstations now meets or exceeds the minimum standards set by KDE.
- All teachers have their own home-page on the school website, which they can edit with a user-friendly interface which makes it easy to post class information, photos, student work and informational documents.
- The school has a wide variety of software programs available for instructional use:
 - STAR Reading, STAR Math, Math Facts in a Flash, all from Renaissance Learning
 - SuccessMaker Mathematics for grades K-8 from Pearson Learning
 - Read 180 program for high school English Students
 - Education City for K-6
 - Study Island for 7-12
- Currently have 10 adult education computers. These provide the latest technology for the adult patron to utilize to improve their job skills.
- All students in grades 9 and 12 are scheduled to be 1:1 with Acer Chromebooks beginning August 2016.

Evaluation

Performance Goal 1

Students will use Simple Assessment or a similar program to evaluate the progress of our students in regards to technology literacy.

Action Plan: Strategies/Activities

Indicator	Target	Tools/Methods Used	Timeline	Person(s) Responsible	Funding Source
Students will show progress in technology literacy.	Our goal is to maintain at least 60% of our 8 th grade students at a proficient level by the end of 2016–2017 school year.	Simple Assessment or similar software, or a tool specified by KDE for standardization.	Ongoing	Teachers, Principals, TRT, Superintendent, CIO, and the Director of Student Support Services.	Local, KETS, Title 1, Other

Performance Goal 2

Teachers will utilize the large investment that has been provided by the district and use the technology provided in instructional uses on a daily basis.

Action Plan: Strategies/Activities

Indicator	Target	Tools/Methods Used	Timeline	Person(s) Responsible	Funding Source
Teachers use technology on a daily basis in their instructional lessons.	For 100% of our teachers to reach the distinguished level per the teacher assessment tool chart located below.	Teacher assessment tool chart, located on page 13.	Ongoing	Teachers, Principals, TRT, Superintendent, CIO, Assistant DTC, and Director of Student Services	Local, KETS, Title 1, Other

Teacher Assessment Tool

The extent to which the teacher demonstrates knowledge, skills and understanding of concepts related to technology:

Novice	Apprentice	Proficient	Distinguished
<p>Teachers identify functions of the computer/device describing access, control, & use of classroom computer hardware including input devices (e.g., keyboard, track-pad, & mouse), output devices (e.g., monitors & printers), & internal & external storage options (e.g., hard drive, floppy drive, portable drive, compact disks).</p>	<p>Teachers identify & use common peripheral devices found in the classroom (e.g., iPad, printer, monitor, scanner, digital camera, video projector) and describe how to locate information on uses, care, and basic maintenance of these classroom technology resources.</p>	<p>Teachers compare & evaluate hardware components & software resources used to provide access to local area networked curriculum materials, Web resources, and multimedia resources (e.g., computer system, printers, monitors, video projectors, external drives, scanners, digital cameras, speakers, browsers, plug-ins, media players, edmodo, class website, movie, photo, and music utilities).</p>	<p>Teachers know how to connect & use common peripherals, identify & describe uses, advantages, & challenges for advanced resources (e.g., digital probes, artificial intelligence, virtual reality, simulations) & advanced network resources (e.g., compressed video, video server, video conferencing software, and Web casting).</p>

Budget

The technology budget is made up of local funds, EETT Grant, KETS funds, USF or E-RATE funds and various grants. Typically, the Universal Service Fund or USF is the biggest contributor to our budget. This fund helps us to pay for the telephone systems, network connection, internet access, etc.... This program typically provides an 80-85% rebate.

School Year: 2015-16 Annual Budget Summary

Acquired Technologies and Professional Development	Ed Tech Competitive Title IID	Ed Tech Formula Title IID	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
Professional Development Technology materials for faculty and staff and technology supplies		\$700				
Telecommunication Services, Internet and Telephone.			\$3500		\$750	\$250.00 General Funds as Necessary
Provide cellular communication devices to key district personnel to improve communication and response times.			\$1535.04 (Data) \$2784.72 Voice			\$156 General Funds (Data) \$611 General Funds (Voice)
TRT Teacher and associated PD instructions that will be necessary to fully utilize the smart classrooms.						\$2000 General Funds for PD.
Maintain our yearly subscriptions to Renaissance Learning (Star Math/Reading)						\$2000 General Funds
Upgrading and implementing Website services			\$1902.50			\$1417.50 General Funds
Maintaining our 400+ Apple devices					\$5,000	\$5,000 General Funds
Purchasing 120 Chromebooks					\$21,600	
TOTAL		\$700	\$9722.26		\$27,350	\$11,434.50