

## Technology Plan built using eTech Ohio's TPT tool

Organization: [East Cleveland City Schools](#)  
Tool: [TPT](#)  
Name: East Cleveland City Schools-043901, TPT, 2012-13, 2013-14, 2014-15  
Period Coverage: 2012-13, 2013-14, 2014-15  
Status/Approvals: eTech Ohio Certified  
Created Date: Tue Apr 10 15:17:01 GMT 2012  
Last Modified Date: Fri Aug 31 18:17:52 GMT 2012

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### Key Decision Makers

Assigned ETC: Steven Crumbacher  
Assigned Treasurer: Mary Ann Nowak  
Assigned Superintendent: Myrna Corley

### Phase 1. Pre-Planning

Vision: The East Cleveland City School District will emerge as a School District of excellence.  
Mission: East Cleveland City Schools will provide state of the art technology tools and resources in an ongoing effort to satisfy the educational requirements of all students so that they will become productive adults and independent thinkers.  
Technology Planning Committee: Asst Technology/Special Needs Coord; Business Manager; Community/Business Leader; Curriculum Coordinator; Library/Media Specialist; Parent; Principal; Student; Superintendent; Teacher; Technology Coordinator; Technology Support; Treasurer

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### Review Current Technology Plan

Our district's task has been to incorporate technology standards in the classroom according to the state standards with its primary focus on reading language arts, math and science. The District has provided classroom technology equipment in the form of desktop computers, mobile carts, smart board technology and 1:1 computer labs. All classrooms have access to the Internet and cable television. Educational software varies depending on the grade level and the academic approach. Through the use of Curriculum Mapping and short cycle assessments at all grade levels teachers are able to make data-informed decisions about their student's learning abilities, potential areas that need improvement and areas that show strength and achievement. Pro Ohio is the software application our teachers use for short cycle assessments. PLATO, Compass Learning Odyssey, Scholastic Read180 and SRI, and Scientific Learning's Fast Forward are software programs that are used throughout the district. As part of the technology planning team, Curriculum Counsel and the Office of Curriculum, Instruction and Assessments, are planning to close the achievement gap by effectively aligning the Ohio Technology Standards to the other state content standards with emphasis on improving scores on the Ohio Achievement Test and Ohio Graduation Test. Our district CCIP clearly states that the use of technology specific to reading, language arts, science and mathematics at all grade levels will impact the quality, content and structure of teaching and learning in all schools. Teachers receive regular Professional Development opportunities that include incentives for technology integration. Students receive intensive intervention specific to reading, language arts, science and mathematics utilizing computers and scientifically researched based programs. Technology labs are located in seven schools. The Software focus is driven by OAT, OGT and the state standards. Additionally the district has chosen Scholastic's Curriculum Design to improve those students whose Reading Literacy and Math levels are two - three years below the requirements of the State Academic Content Standards.

Unexpected outcomes, new needs: One of our goals is to increase the use of video distance learning which will expand student access to different fields of study, alternative course work selection and AP course work that may otherwise not readily be available.

Goals that are no longer relevant: All goals in the CCIP are relevant.

Goals that still need to be addressed: As part of the technology planning team, Curriculum Council and the Office of Curriculum, Instruction and Assessments, are planning to close the achievement gap by effectively aligning the Ohio Technology Standards to the other state content standards with emphasis on improving scores on the Ohio Achievement Test and Ohio Graduation Test. Our district CCIP states that the use of technology specific to reading, language arts, science and mathematics at all grade levels will impact the quality, content and structure of teaching and learning in all schools. Teachers will continue to receive regular Professional Development opportunities that include incentives for technology integration. Students will continue to receive intensive intervention specific to reading, language arts, science and mathematics utilizing computers and scientifically researched based programs. Technology labs are located in all seven schools as well as in the classrooms. It is the district's intent to bring technology into the hands of every student to assist in achieving the goals lead by the CCIP.

## Phase 2. Curriculum Alignment & Instructional Integration

### • Goal: Use Technology to impact the quality, content and structure of curriculum

Goal Type: Technology Alignment to Curriculum

If other, please specify:

Goal Description: Technology will be installed, monitored and supported throughout the district. Applications such as Read 180, CompassLearning, Fast ForWord, Study Island, Plato, Pro-Ohio, United Streaming and video distance learning will be used to impact instruction and intensive intervention.

Needs Assessment: Based upon the Decision Framework data, the District plans to continue to implement innovative programs to improve teacher instructional performance therefore positively impacting student academic performance. Reaching this goal includes bringing the use of technology into the hands of students.

Where Are We Now? i. Entry

Where Do We Want To Be? iii. Adaptation

Created Date: Sun Jun 03 23:15:40 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 02:44:00 GMT 2012

Last Modified By: Joy S. Howard

### • Strategy: Curriculum Alingment using 1:1 Technology

Outcome: Motivation and inspiration of students to improve academic achievement. AS wellas increased communication between students and teachers. Increase the 1:1 iPad initiative accross the distirict. Positions students for State online tests and assessments.

Evaluation Process: Diagnostic screening tools will be used to identify student needs and involve classroom teachers in formative assessment development and use. Short cycle assessments will be used to identify areas of need for diversification of instruction.

Description: By utilizing Apple iPad technology. The initial implementation will begin with pilots in 5th grade classes at two elementary schools.

Position(s) Responsible: Curriculum Coordinator/Director;Superintendent;Teacher;Technology Coordinator/Director;Treasurer

Timeline: < 6 months

#### Estimated Budget for this Strategy

Funding Source (if applicable): Title II-D Technology Grant and General Funds

Estimated Cost for Strategy - Year 1: 30000.0

Estimated Cost for Strategy - Year 2: 60000.0

Estimated Cost for Strategy - Year 3: 120000.0

#### Professional Development Need(s)

Identify PD Methods/Formats: Ongoing, high quality embedded professional development, will be provided at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance.

Identify Person(s) to plan PD:

How will PD be measured? A comprehensive needs assessments will be conducted to analyze data and use results to conduct an annual evaluation of progress toward goals.

How PD will support this Strategy? Various grant funding sources will support teacher stipends; registration for conferences/workshops as well as materials and supplies for teachers.

Created Date: Wed Jun 20 18:39:34 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Wed Jun 20 18:42:12 GMT 2012

Last Modified By: Joy S. Howard

• **Strategy: Pre-School Rediness**

Outcome: By 2013-2014, all students will reach high standards, at a minimum attaining proficiency or better in reading/language arts, mathematics and science.

Evaluation Process: Provide computer use to preschoolers to increase their reading readiness skills.

Description: Use technology and/ or equipment specific to reading to impact the quality, content and structure of teaching and learning in all schools

Position(s) Responsible: Curriculum Coordinator/Director;Other District Administrator;Principal;Superintendent;Teacher;Technology Coordinator/Director

Timeline: 2 years - 3 years

**Estimated Budget for this Strategy**

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

**Professional Development Need(s)**

Identify PD Methods/Formats: Provide ongoing, high quality professional development specific to reading, mathematics and science at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance. CSEC will implement standards based literacy strategies to core teachers through modeling of lessons for classroom teachers; professional development meetings; and focused study groups.

Identify Person(s) to plan PD:

How will PD be measured? 100% of teachers teaching core academic subjects meet HQT as well as teachers teaching in program supported by Title I fund.

How PD will support this Strategy? Participate in monthly grade level professional development related to literacy and/ or mathematics.

Created Date: Fri Jun 29 14:39:27 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 14:39:27 GMT 2012

Last Modified By: Joy S. Howard

• **Goal: Using Technology to Improve Teaching and Learning in Math**

Goal Type: Technology Alignment to Curriculum

If other, please specify:

Goal Description: To use district-wide collaborative teacher teams at the classroom level that will implement procedures for the effective use of data allowing teachers to making decisions that will improve student learning in mathematics.

Needs Assessment: Mathematics data reveals a high proficiency rate of 82.9% at sixth grade and a low percentile score of 22.2% at third grade.Using curriculum maps, collaborative teacher teams and technology will engage students in the content through mathematical practices.

Where Are We Now? iii. Adaptation

Where Do We Want To Be? iv. Appropriation

Created Date: Wed Jun 20 19:31:53 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:02:46 GMT 2012

Last Modified By: Joy S. Howard

**• Strategy: Improving MATH Skills Using Technology**

**Outcome:** More teachers are using the Smartboard technology to engage students in problem solving activities. All schools have access to Unitedstreaming on-line video content.

**Evaluation Process:** A comprehensive needs assessments will be conducted to analyze data and use results to conduct an annual evaluation of progress toward goals.

**Description:** Interactive smartboards and interactive projector technology in in place to assist with this improvement goal. Use of distance learning technology will provide additional resources for access to curriculum outside the classroom.

**Position(s) Responsible:** Curriculum Coordinator/Director;Educational Technology Consultant;Principal;Superintendent;Teacher;Technology Coordinator/Director

**Timeline:**

**Estimated Budget for this Strategy**

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

**Professional Development Need(s)**

**Identify PD Methods/Formats:** The District has partnered with vendors that provide ongoing technology professional development for this fiscal year at all grade levels.

**Identify Person(s) to plan PD:**

**How will PD be measured?** Ongoing, high quality professional development will be provided at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance.

**How PD will support this Strategy?** Math Coaches will provide staff members with scientifically based research strategies for differentiating instruction.

**Created Date:** Wed Jun 20 19:50:19 GMT 2012

**Created By:** Joy S. Howard

**Last Modified Date:** Wed Jun 20 19:50:19 GMT 2012

**Last Modified By:** Joy S. Howard

**• Strategy: Engaging Students in Mathematics Content Using Interactive Technology**

**Outcome:** Working to close the achievement gaps by accelerating the progress of low performing students to meet necessary performance levels.

**Evaluation Process:** Using procedures for the effective use of data to assess the impact on student learning.

**Description:** Engage students in the content through, problem solving, reasoning, making arguments and precision. Students are using the Internet, and IVDL resources to assist with problem solving and calculations and research.

**Position(s) Responsible:** Curriculum Coordinator/Director;Educational / Learning Services Director;Other District Administrator;Parent;Principal;Superintendent;Teacher;Technology Coordinator/Director

**Timeline:** 6 months -1 year

**Estimated Budget for this Strategy**

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Teachers receive regular Professional Development opportunities that include incentives for technology integration.

Identify Person(s) to plan PD: Curriculum Coordinator/Director;Other District Administrator;Principal;Superintendent;Teacher

How will PD be measured? Within three years the goal is to have at least 75% of teachers using technology integration in the classroom.

How PD will support this Strategy?Train the trainer model and the use of coaches specific to the content. The use i of federal funding resources and grants.

Created Date: Thu Jun 28 13:23:15 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Thu Jun 28 13:27:45 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Using Technology to Improve Teaching and Learning in Reading/Language Arts

Goal Type: Technology Alignment to Curriculum

If other, please specify:

Goal Description: To use district-wide collaborative teacher teams at the classroom level that will implement procedures for the effective use of data allowing teachers to make decisions that will improve student learning in reading/language arts.

Needs Assessment: Based upon the Decision Framework data, the use of technology, student data and the inclusion of literacy standards on every curriculum map the district will focus on teaching literacy skills in and through history/social studies, science and technical content areas to improve student performances.

Where Are We Now? ii. Adoption

Where Do We Want To Be? iii. Adaptation

Created Date: Thu Jun 21 15:59:35 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:06:48 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: USMI Urban Scholastic Media Initiative

Outcome: Students will have access to state-of-the-art industry standard equipment to create media projects. These activities are in alignment with the state science and technology standards.

Evaluation Process: Students will participate in workshops and competitions demonstrating inovation and improving reading/ language arts skills.

Description: This partnership will engage students in the use of media to design and create enhanced media such as newspaper, news magazine, yearbook, online dialogue, broadcasting, podcasting and online collaboration with other school districts.

Position(s) Responsible: Curriculum Coordinator/Director;Other Building Administrator;Other District Administrator;Principal;Student;Superintendent;Teacher;Technical Services / Eng Director;Technology Coordinator/Director

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for

Strategy - Year 1:

Estimated Cost for  
Strategy - Year 2:

Estimated Cost for  
Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Ongoing, high quality professional development specific to science is provided at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance.

Identify Person(s) to plan PD:

How will PD be measured? How will PD be measured? Staff members will review data and develop instructional strategies based upon best practices for science.

How PD will support this Strategy? Staff members are supported by sharing scientifically based research strategies for differentiation of instruction; best practices; and analyses of data specific to literacy, mathematics and science to applicable stakeholders .

Created Date: Thu Jun 28 15:35:37 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Thu Jun 28 15:35:37 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Using Technology to Improve Teaching and Learning in Science

Goal Type: Technology Alignment to Curriculum

If other, please specify:

Goal Description: By emphasizing both excellence and equity, the district's goal is to highlight the need to give students the opportunity to learn science through regular classroom instruction that is influenced by technology integration.

Needs Assessment: Based upon the Decision Framework data, the district's focus includes the attributes of the Scientific Standards more classroom interactive whiteboard technology, use of 1:1 technology and video distance learning technology to engage students in problem solving activities.

Where Are We Now? iii. Adaptation

Where Do We Want To Be? iv. Appropriation

Created Date: Thu Jun 21 17:08:47 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:07:50 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: ROAM (Roots of American Music)

Outcome: Students will learn songs from various genres relative to the scientific method, the laws of motion, the roc cycle, genetic traits and recycling.

Evaluation Process: A final performance will demonstrate student learning with solid academic content.

Description: The distict's technology infrastructure provides a platform for this partnership to engage students in 8th grade science to learn S.T.E.M. principles through music.

Position(s) Responsible: Business Leader;Curriculum Coordinator/Director;Principal;Superintendent;Teacher;Technology Coordinator/Director

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy -

Year 1:

Estimated Cost for Strategy -  
Year 2:

Estimated Cost for Strategy -  
Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Ongoing, high quality professional development specific to reading, mathematics and science is provided at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance.

Identify Person(s) to plan PD: Curriculum Coordinator/Director;Other District Administrator;Principal;Professional Dev Coordinator;Superintendent;Teacher

How will PD be measured? Staff members will review data and develop instructional strategies based upon best practices for literacy, mathematics and science

How PD will support this Strategy? Staff members are supported by sharing scientifically based research strategies for differentiation of instruction; best practices; and analyses of data specific to literacy, mathematics and science to applicable stakeholders .

Created Date: Thu Jun 28 15:10:07 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Thu Jun 28 15:10:07 GMT 2012

Last Modified By: Joy S. Howard

#### • Goal: Career Technical Education

Goal Type: Technology Alignment to Curriculum

If other, please specify:

Goal Description: Students will be prepared with the academic and technical skills needed to be successful in postsecondary education and the workplace; all students will be provided the career knowledge needed to make informed career-decisions.

Needs Assessment: Based upon the Decision Framework data, the district will strengthen academic, career and technical skills by creating and maintaining a system thru the program of studies that reflects the academic and technical rigor and requirements for success in college and in careers.

Where Are We Now? iii. Adaptation

Where Do We Want To Be? v. Invention

Created Date: Thu Jun 28 20:20:58 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:49:25 GMT 2012

Last Modified By: Joy S. Howard

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#### • Strategy: Expanding the use of Technology

Outcome: Academic attainment, technical skill attainment and non-traditional participation will be successfully addressed.

Evaluation Process: Teachers will incorporate the use projectors, smart boards, computers, web exams, plotters, scanners, and computerized instruction in their daily instruction. This daily instruction will reflect the content standards for CTE and Adult Education.

Description: Students will be prepared with the academic and technical skills needed to be successful in postsecondary education and the workplace; all students will be provided the career knowledge needed to make informed career-decisions.

Position(s) Responsible: Curriculum Coordinator/Director;Other District Administrator;Principal;Superintendent;Technology Coordinator/Director;Treasurer

Timeline: 1 year - 2 years

#### Estimated Budget for this Strategy

Funding Source (if

applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: The Career-Technical Education Director will be responsible for providing or supporting pre-service and/ or in-service training to teachers, administrators, counselors and other educational personnel to ensure high quality Career-Technical Education, comprehensive career development activities and high school improvement initiatives

Identify Person(s) to plan PD: Curriculum Coordinator/Director;Director;Other District Administrator;Principal;Superintendent;Teacher;Technology Coordinator/Director;Treasurer

How will PD be measured? Create and maintain a system via the program of studies that reflects the academic and technical rigor and requirements for success in college and in careers.

How PD will support this Strategy? The use on-site professional development will be support expanding technology in instruction, assessments, career-decision making, program design, and administration through .

Created Date: Fri Jun 29 12:21:37 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 12:21:37 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Using Technology to Align Teaching and Learning with State Standards

Goal Type: Improving Teaching and Learning

If other, please specify:

Goal Description: By 2013-2014, all students will reach high standards, at a minimum attaining proficiency or better in reading/language arts, mathematics and science.

Needs Assessment: Utilizing the 2010 Decision Framework data, the District notes a high concern for reading scores across grade levels. Technology solutions will be used specifically to improve reading, math and science proficiency impacting the quality, content and structure of teaching and learning in all schools.

Where Are We Now? iii. Adaptation

Where Do We Want To Be? iv. Appropriation

Created Date: Mon Jun 18 18:10:37 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 02:56:42 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Using Technology to align State Content Standards

Outcome: Web based Scholastic, Solutions and the International Center for Leadership in Education, will provide coaches for teachers of literacy and mathematics, focusing on targeted areas of improvement:

Evaluation Process: Analyze student data by examining student work as part of standards based assessment. Literacy, math and building walkthroughs; effective staff evaluations; improving parental involvement; and effective communication (written and oral).

Description: Align scientifically based reading research curriculum, instruction and assessment with the State's challenging academic content standards.

Position(s) Responsible: Curriculum Coordinator/Director;Principal;Superintendent;Teacher;Technology Coordinator/Director



Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Provide ongoing, high quality professional development specific to reading, mathematics and science at the school site for administrators, teachers and other instructional staff to focus on changing instructional practices that result in improved student performance

Identify Person(s) to plan PD: Curriculum Coordinator/Director

How will PD be measured? Develop and implement a system of accountability by designing effective evaluations to incorporate multiple measures of success that reflect program goals and employ well designed quantitative studies.

How PD will support this Strategy? The Director of C & I will facilitate quarterly workshops to instruct staff as to scientifically research based practices and materials specific to literacy and mathematics.

Created Date: Mon Jun 18 19:00:40 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Wed Jun 20 19:51:40 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Using PD to Improve Reading, Mathematics and Science

Goal Type: Improving Teaching and Learning

If other, please specify:

Goal Description: By 2012, all students in grades K-12 will improve their performance on the OAA/ OGT and local summative assessments by 5% relative to reading and mathematics.

Needs Assessment: Utilizing the 2010 Decision Framework data, the District notes a high concern for reading scores across grade levels; With the low percentage of students reaching reading/ mathematics "proficiency"; strategic, systemic, focused professional development opportunities are needed during FY 2012.

Where Are We Now? ii. Adoption

Where Do We Want To Be? iv. Appropriation

Created Date: Thu Jun 28 14:16:44 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:13:34 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Implementation of Innovative Programs

Outcome: Supporting teachers and leaders relative to the state transition to common core standards will impact the standards on teaching and learning.

Evaluation Process: Partnerships with Scholastic Inc., Math Solutions and the International Center for Leadership in Education to assist teachers and leaders with job embedded professional development support designed to increase rigor and quality of instructional delivery.

Description: Improve teacher instructional performance and thusly positively impact student academic performance.

Position(s) Business Leader;Community Member;Curriculum Coordinator/Director;Educational Technology Consultant;Instructional/Integration

Responsible: Coordinator;Parent;Principal;Professional Dev Coordinator;Superintendent;Teacher;Technology Coordinator/Director

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Implement Professional Development Academies for teachers and building leaders focusing on topics generated in response to the data, i.e. differentiated instruction; response to intervention; utilizing data to drive instruction; and strategies to support students and their learning relative to reading, mathematics and science.

Identify Person(s) to plan PD: Business / Finance Manager;Curriculum Coordinator/Director;Principal;Superintendent

How will PD be measured? With a HQT indicator of 92.1%, the District hopes to attract (and retain) highly qualified (high quality) teachers and leaders.

How PD will support this Strategy? District Continuous Improvement Team that encompasses staff, parents, students and business representatives from within the school community. This entity not only participates in the Decision Framework process, but meets monthly to monitor the District's Continuous Improvement Plan.

Created Date: Thu Jun 28 14:43:29 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Thu Jun 28 14:45:22 GMT 2012

Last Modified By: Joy S. Howard

## Phase 3. Technology Policy, Leadership and Administration

### • Goal: Developing Policy

Goal Type:

If other, please specify: Acceptable Use Policies

Goal Description: The district will monitor the requirements for its acceptable use policies and to continue to upgrade policy to maintain compliance for students and staff.

Needs Assessment: Based on review of current usage policies, the district will implement periodic reviews of its usage policies to maintain and improve compliance.

Where Are We Now?

Where Do We Want To Be?

Created Date: Fri Jun 29 14:53:20 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:54:54 GMT 2012

Last Modified By: Joy S. Howard

### • Strategy: Maintenance of Acceptable Use Policies

Outcome: Board adoption of district acceptable use policies.

Evaluation Process: The planning committee will evaluate and make recommendations for the updates of the usage policies for incorporation and board adoption.

Description: The established planning and review committees will make any necessary changes or updates annually to maintain compliance of its usage policies.

Position(s) Responsible: Business / Finance Manager; Communications Officer; Community Member; Curriculum Coordinator/Director; Other District Administrator; Parent; Principal; School Board Member; Superintendent; Teacher; Technology Coordinator/Director; Treasurer

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: N/A

Identify Person(s) to plan PD:

How will PD be measured? N/A

How PD will support this Strategy? N/A

Created Date: Fri Jun 29 15:00:09 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 15:00:35 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Ohio Improvement Process

Goal Type: Providing District Leadership

If other, please specify: Proactive Initiatives Towards Educational Reform

Goal Description: Development of District leadership teams, teacher lead teams and Scholastic/ICLE/ Math Solutions that will influence educational reform.

Needs Assessment: Based upon the Decision Framework data, the district is committed to continuing to develop programming that supports rigorous and relevant professional development academies, new evaluation systems, increased technology.

Where Are We Now? ii. Adoption

Where Do We Want To Be? iv. Transformation

Created Date: Thu Jun 28 18:42:20 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:52:22 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Improve achievement outcomes for all students

Outcome: Monitor the implementation of the Pro Ohio test at all levels to ensure that all student take the test including gifted students and students with disabilities.

Evaluation Process: Provide embedded professional development for all teachers regarding the implementation of teacher based teams and the 5 Step Process.

Description: Teachers will meet regularly in teacher based teams that use common assessments to analyze student data, collaboratively design and implement instruction and intervention using differentiation strategies

Position(s) Responsible:

Timeline:

### Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Train staff to use regular TBT meetings and the weekly Pro Ohio data and student work to collaboratively develop and implement with fidelity differentiated instructional plans for students groups as designated in the TBT 5 Step Process.

Identify Person(s) to plan PD: Curriculum Coordinator/Director;Other District Administrator;Principal;Superintendent;Technology Coordinator/Director

How will PD be measured? Explore ways to use staff for designated instructional groupings and intervention support for students including using CoTeaching, sharing students across teachers, etc. 5.2.4) Explore models including web based and electronic models to develop individualized instruction plans for all students.

How PD will support this Strategy? 5.2.2) Continue weekly coaching and embedded professional development by the Scholastic staff for all teachers and building administrators regarding the designated instructional and intervention strategies, including school climate and student engagement strategies.

Created Date: Thu Jun 28 19:17:27 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Thu Jun 28 19:44:43 GMT 2012

Last Modified By: Joy S. Howard

## Phase 4. Technology Infrastructure, Management and Support

### • Goal: Mobile Device Management Servers

Goal Type:

If other, please specify: Servers for Mobile Device Management

Goal Description: Installing and Implementing servers to support the new mobile device initiative.

Needs Assessment: Based on the implementation of new mobile devices, our research recommends the need for Mobile device management I allowing the district to scale deployments of devices across the district.

Where Are We Now?

Where Do We Want To Be?

Created Date: Fri Jun 29 15:54:46 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:02:51 GMT 2012

Last Modified By: Joy S. Howard

### • Strategy: Purchase Servers for Mobile Device Management

Outcome: Increase effeciancey and accuracy of deployment.

This system provides remote monitoring application installation, updates and other changes that will provide the district with reporting

Evaluation Process: benchmarks that will help facilitate further implementation of mobile device initiatives.

Description: Purchasing an application Server to support the Web Console, Device Services, API Services, and Windows Services as well as a Database Server to support the Database and Reporting Services.

Position(s) Responsible: Technical Services / Eng Director; Technology Coordinator/Director

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Technology services will be trained by the contractor to support these services.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development will be provided as needed as part of the contract.

How PD will support this Strategy? Professional Development will be provided as needed as part of the contract.

Created Date: Fri Jun 29 16:03:47 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 16:03:47 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Expanding WiFi Network

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: To support the implementation of new wireless technology devices. The district will need to expand its wifi network infrastructure over the next three years.

Needs Assessment: Based on evaluation of the existing wifi inventory and infrastructure it has been determined that Installation of higher capacity wifi equipment is necessary to support additional wifi devices in the district.

Where Are We Now? ii. Some

Where Do We Want To Be? iv. Increase

Created Date: Fri Jun 29 15:06:14 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:00:21 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: WiFi Implementation

Outcome: The district will have a fully installed expanded wifi network infrastructure that will support wifi technology through out the district.

Evaluation Process: Evaluate the existing equipment and determine if only additional equipment is needed or replacements are also necessary.

Description: Increase the existing wifi infrastructure to support the new iPad and other wifi technology devices.

Position(s) Responsible: Business / Finance Manager; Superintendent; Technical Services / Eng Director; Technology Coordinator/Director; Treasurer

Timeline: 1 year - 2 years

## Estimated Budget for this Strategy

Funding Source (if applicable):

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

## Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is not needed to expand the wifi network. Professional Development will be provided for programs that require the use of the Internet.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development will be provided for programs that require the use of the Internet.

How PD will support this Strategy? Professional Development will be provided for programs that require the use of the Internet.

Created Date: Fri Jun 29 15:14:03 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 15:39:28 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Maintain Network Servers

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Provide continued maintenance of network servers.

Needs Assessment: Based on review of the technology equipment inventory the district's 14 servers will need to have continued basic maintenance to support the integrity of the districts network under the erate protocols.

Where Are We Now? ii. Some

Where Do We Want To Be? iv. Increase

Created Date: Fri Jun 29 16:09:29 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:06:17 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Basic Maintenance of Eligible Network Servers

Outcome: The districts server equipment will be fully functional and the network integrity will remain intact.

Evaluation Process: Monthly reports are provided resulting in the maintenance status of the equipment.

Description: Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.

Position(s) Responsible: Business / Finance Manager; Superintendent; Technical Services / Eng Director; Technology Coordinator/Director; Treasurer

Timeline: 6 months -1 year

## Estimated Budget for this Strategy

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy? Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 16:21:52 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 16:21:52 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Maintain Network Routers and Switches

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Provide continued maintenance of network routers and switches..

Needs Assessment: Based on review of the technology equipment inventory, the district's 162 routers and switches will need to have continued basic maintenance under the erate protocols.

Where Are We Now? iii. Many

Where Do We Want To Be? ii. No Change

Created Date: Fri Jun 29 16:24:42 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:16:46 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Strategy Title Basic Maintenance of Eligible Network Routers and Switches

Outcome: The districts router and switch equipment will be fully functional and the network integrity will remain intact.

Evaluation Process: Monthly reports are provided resulting in the maintenance status of the equipment

Description: Description Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.

Position(s) Responsible: Business / Finance Manager; Superintendent; Technical Services / Eng Director; Technology Coordinator/Director; Treasurer

Timeline:

### Estimated Budget for this Strategy

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy? Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 16:30:28 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 16:30:28 GMT 2012

Last Modified By: Joy S. Howard

• **Goal: Maintain Network Data Drops**

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Provide continued maintenance of network data drops.

Needs Assessment: Based on review and analysis of the data drops in all buildings, the district's 1000 network data drops will need to have continued basic maintenance under the erate protocols.

Where Are We Now? iii. Many

Where Do We Want To Be? iv. Increase

Created Date: Fri Jun 29 17:04:57 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:13:14 GMT 2012

Last Modified By: Joy S. Howard

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• **Strategy: Basic Maintenance of Eligible Network Data Drops**

Outcome: The districts data drops be fully functional and the network integrity will remain intact.

Evaluation Process: Monthly reports are provided resulting in the maintenance status of the equipment .

Description: Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.

Position(s) Responsible: Business / Finance Manager; Superintendent; Technical Services / Eng Director; Technology Coordinator/Director; Treasurer

Timeline: 6 months -1 year

**Estimated Budget for this Strategy**

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

**Professional Development Need(s)**

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy? Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 17:12:27 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 17:12:27 GMT 2012

Last Modified By: Joy S. Howard



• **Goal: E-911 Location Management**

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Appropriate district personell can provide the Public Safety Answering Point (PSAP) with call back and location information for each of its users ahead of time.

Needs Assessment: After analysis of the current emergency response system, the district needs a more secure process of providing emergency information to the PSAP.

Where Are We Now? ii. Some

Where Do We Want To Be? iv. Increase

Created Date: Fri Jun 29 18:15:20 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:09:30 GMT 2012

Last Modified By: Joy S. Howard

• **Strategy: Install and Implement E-911**

Outcome: The district will have a safe and secure e-911 location management system.

Evaluation Process: Secure and test the installation prior to implementation to ensure that the process is working properly.

Description: Install applications and appliance equipment on the existing PBX equipment.

Position(s) Responsible: Business / Finance Manager; Superintendent; Technical Services / Eng Director; Technology Coordinator/Director

Timeline: < 6 months

**Estimated Budget for this Strategy**

Funding Source (if applicable): General Fund and Erate (eligible equipment\_

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

**Professional Development Need(s)**

Identify PD Methods/Formats: Professional Development as identified by the contractor will train key district personell for operation and maintenance.

Identify Person(s) to plan PD:

How will PD be measured? The system is fully functional and provides the necessary report information.

How PD will support this Strategy?The district will support professional development for key personell.

Created Date: Fri Jun 29 18:25:57 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 18:25:57 GMT 2012

Last Modified By: Joy S. Howard

• **Goal: Maintain Network VDL Equipment**

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Provide continued maintenance of network Video Distance Learning Equipment (VDL)

Needs Assessment: Based on review of the technology equipment inventory, the district's 7 VDL devices will need to have continued basic maintenance under the erate protocols.

Where Are We Now? ii. Some

Where Do We Want To

Be? iii. Researching  
Created Date: Fri Jun 29 17:40:50 GMT 2012  
Created By: Joy S. Howard  
Last Modified Date: Sat Jun 30 04:10:27 GMT 2012  
Last Modified By: Joy S. Howard

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### • Strategy: Basic Maintenance of Eligible VDL Equipment

Outcome: Outcome The districts data drops be fully functional and the network integrity will remain intact.  
Evaluation Process: Monthly reports are provided resulting in the maintenance status of the equipment.  
Description: Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.  
Position(s) Responsible: Business / Finance Manager;Superintendent;Technical Services / Eng Director;Technology Coordinator/Director;Treasurer  
Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year  
1:

Estimated Cost for Strategy - Year  
2:

Estimated Cost for Strategy - Year  
3:

### Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy?Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 18:04:58 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 18:04:58 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Maintain Network Access Points and Wireless Lan Controller

Goal Type: Networking, Internet and Telecommunications

If other, please  
specify:

Goal Description: Provide continued maintenance of network routers and switches.

Needs Assessment: Based on review and analysis of the existing access point inventory the district's 77 access points and 1 wireless LAN controller will need to have continued basic maintenance under the erate protocols.

Where Are We Now? ii. Some

Where Do We Want  
To Be? iv. Increase

Created Date: Fri Jun 29 16:36:30 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:15:46 GMT 2012

Last Modified By: Joy S. Howard

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• **Strategy: Basic Maintenance of Eligible Network Access Points and Wireless LAN Controller**

Outcome: Outcome The districts router and switch equipment will be fully functional and the network integrity will remain intact.

Evaluation Process: Evaluation Process Monthly reports are provided resulting in the maintenance status of the equipment .

Description: Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.

Position(s) Responsible: Business / Finance Manager;Curriculum Coordinator/Director;Superintendent;Technical Services / Eng Director;Treasurer

Timeline: 6 months -1 year

**Estimated Budget for this Strategy**

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

**Professional Development Need(s)**

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy?Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 17:02:00 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 17:19:08 GMT 2012

Last Modified By: Joy S. Howard

• **Goal: Maintain Network UPS devices**

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: Provide continued maintenance of network uninterruptable power supplies.

Needs Assessment: Based on review of the technology equipment inventory the district's 4 UPS devices will need to have continued basic maintenance to support the integrity of the districts network under the erate protocols.

Where Are We Now? ii. Some

Where Do We Want To Be? iv. Increase

Created Date: Fri Jun 29 17:17:31 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 04:07:34 GMT 2012

Last Modified By: Joy S. Howard

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• **Strategy: Basic Maintenance of Eligible Network UPS devices**

Outcome: The districts router and switch equipment will be fully functional and the network integrity will remain intact.

Evaluation Process: Monthly reports are provided resulting in the maintenance status of the equipment .

Description: Description Continued maintenance service that includes upkeep, repair and equipment coverage of all eligible devices following the erate protocol.

Position(s) Responsible: Business / Finance Manager;Superintendent;Technical Services / Eng Director;Technology Coordinator/Director;Treasurer

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable): General Fund and Erate

Estimated Cost for Strategy - Year 1:

Estimated Cost for Strategy - Year 2:

Estimated Cost for Strategy - Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is provided to the tech. communities as need per the contract.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development is provided to the tech. communities as need per the contract.

How PD will support this Strategy?Professional Development is provided to the tech. communities as need per the contract.

Created Date: Fri Jun 29 17:22:12 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 17:22:12 GMT 2012

Last Modified By: Joy S. Howard

### • Goal: Replacing Classroom Switches

Goal Type: Networking, Internet and Telecommunications

If other, please specify:

Goal Description: The majority of classroom switches need to be replaced with switches that support higher speed Gig service.

Needs Assessment: Based on review of the technology equipment inventory,the classroom switches are more than 8 years old and are beginning to fail. They are running at a lower speed than the district's high speed infrastructure.

Where Are We Now?iii. Many

Where Do We Want To Be? iii. Researching

Created Date: Fri Jun 29 15:22:32 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Sat Jun 30 03:57:29 GMT 2012

Last Modified By: Joy S. Howard

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### • Strategy: Evaluate Old Switch Technology and Replace

Outcome: Increased throughput in the classrooms running at higher speeds.

Evaluation Process: Evaluate the switches that are or have failed and replace the equipment first.

Description: Replace the old classroom switches with new equipment that supports the high speed network.

Position(s) Responsible: Business / Finance Manager;Other District Administrator;Superintendent;Technical Services / Eng Director;Technology Coordinator/Director;Treasurer

Timeline: 6 months -1 year

### Estimated Budget for this Strategy

Funding Source (if applicable): Erate and Title II-D

Estimated Cost for Strategy -  
Year 1:

Estimated Cost for Strategy -  
Year 2:

Estimated Cost for Strategy -  
Year 3:

### Professional Development Need(s)

Identify PD Methods/Formats: Professional Development is not needed to replace classroom switches. Professional Development will be provided for programs that require the use of the Internet.

Identify Person(s) to plan PD:

How will PD be measured? Professional Development will be provided for programs that require the use of the Internet.

How PD will support this Strategy? Professional Development will be provided for programs that require the use of the Internet.

Created Date: Fri Jun 29 15:29:29 GMT 2012

Created By: Joy S. Howard

Last Modified Date: Fri Jun 29 15:41:14 GMT 2012

Last Modified By: Joy S. Howard

## Budget and Planning

Phase	2012-13	2013-14	2014-15	Total by Phase
2. Curriculum Alignment & Instructional Integration	\$30,000.00	\$60,000.00	\$120,000.00	\$210,000.00
3. Technology Policy, Leadership and Administration	\$0.00	\$0.00	\$0.00	\$0.00
4. Technology Infrastructure, Management and Support	\$0.00	\$0.00	\$0.00	\$0.00
<b>Grand Total by Years</b>	<b>\$30,000.00</b>	<b>\$60,000.00</b>	<b>\$120,000.00</b>	<b>\$210,000.00</b>