

**Margate City School District
Three-Year Educational Technology Plan
2017-2020**

TASK	Completed
<p>DATE: Provide your educational technology plan's creation date. Tech Plan creation date: <u>October 17th, 2016</u></p>	
	Indicate the page number where the corresponding information is found
<p>TECHNOLOGY INVENTORY:</p> <ol style="list-style-type: none"> 1. Describe the technology inventory <u>needed to improve</u> student academic achievement in the 2017-2020 school years. Include in the description the following areas: <ol style="list-style-type: none"> a) Technology equipment including assistive technologies b) Networking capacity c) Filtering method d) Software used for curricular support and filtering e) Technology maintenance and support f) Telecommunications equipment and services g) Other services 	Page 3
<p>NEEDS ASSESSMENT:</p> <ol style="list-style-type: none"> 2. Describe the needs assessment process that was used to identify the necessary telecommunication services, hardware, software, and other services to improve education. 	Page 4
<p>THREE-YEAR GOALS:</p> <ol style="list-style-type: none"> 3. List clear goals for 2017-2020 school years that address district needs. There must be strong connections between the proposed physical infrastructure (bandwidth, cabling, electrical systems, networks) and goals. Include goals for using telecommunications and technology that support 21st century learning communities. 	Page 8
<p>THREE-YEAR IMPLEMENTATION AND STRATEGIES TABLE:</p> <ol style="list-style-type: none"> 4. Describe the realistic implementation strategies to improve education. Address all areas below to continue planning for a technology-rich learning environment. <ol style="list-style-type: none"> a. telecommunications, b. information technology, c. educational technology (including assistive technologies), and d. student technology readiness to facilitate online testing. 	Page 9

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	Indicate the page number where the corresponding information is found
<p>PROFESSIONAL DEVELOPMENT STRATEGIES:</p> <p>5. Professional development strategies should ensure that staff (teachers, school library media personnel and administrators) knows how to effectively use the technologies described in this plan to improve education, and will continue to support identified needs through 2020.</p> <p>Describe the planned professional development strategies by addressing each of the following questions:</p> <p>a) How will ongoing, sustained professional development be provided to all educators, (including administrators) that increases effective use of technology in all learning environments, models 21st century skills, and demonstrate learning experiences through global outreach and collaboration in the classroom or library media center?</p> <p>b) What professional development opportunities, resources and support (online or in person) exist for technical staff?</p> <p>c) How will professional development be provided to educators on the application of assistive technologies to support educating all students?</p>	Page 13
<p>EVALUATION PLAN:</p> <p>6. Describe the evaluation process that enables the progress and effectiveness of goals to be monitored.</p>	Page 14
<p>7. Describe the process to make mid-course corrections in response to new developments and opportunities as they arise.</p>	Page 15
<p>FUNDING PLAN:</p> <p>8. Provide the anticipated costs for 2017-2018 by source of funds (federal, state, local and other) and include expenses such as hardware/software, digital curricula including <u>NIMAS</u> compliance, upgrades and other services including print media that will be needed to achieve the goals of this plan. Allow specific provisions for interoperability among components of such technologies to successfully achieve the goals of this plan.</p>	Page 16
<p>STAKEHOLDER TABLE</p> <p>9. List of district staff involved in the development and review of the technology plan.</p>	Page 17

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1. TECHNOLOGY INVENTORY: Describe the technology inventory needed to improve student academic achievement.

Three-Year Educational Technology Plan Inventory Table			
Area of Need	Describe for erate funded year 1 2017-2018	Describe for erate funded year 2 2018-2019	Describe for erate funded year 3 2019-2020
Technology Equipment including assistive technologies	<ul style="list-style-type: none"> • Maintain Interactive Whiteboards and FM Systems in classrooms. • Upgrade classroom student computers by replacing with ChromeBoxes or ChromeBooks as some are starting to age. • Replace Ross Cafe Projector and rewire to ports on wall/stage. • STEM computer lab upgrade. • Ross Media lab upgrade • Begin to rotate Samsung XE303 • More teacher computer upgrades • Chromebooks for newer units as these EOL in 2017. 	<ul style="list-style-type: none"> • Continue upgrading/swapping classroom student computers. • Continue to rotate Samsung XE303 Chromebooks for newer units as these EOL in 2017. • Begin to rotate Asus ChromeBoxes in classrooms and Tighe Media Center as these EOL in '19/'20. 	<ul style="list-style-type: none"> • Continue upgrading/swapping classroom student computers. • Continue to rotate Samsung XE303 Chromebooks for newer units as these EOL in 2017. • Continue to rotate Asus ChromeBoxes in classrooms and Tighe Media Center as these EOL in '19/'20.
Networking Capacity	<ul style="list-style-type: none"> • Upgrading server backup system with cloud capability. • Upgrade Ross edge switches. • Additional file server for Ross school. • Firewall hardware upgrade 	<ul style="list-style-type: none"> • Switch upgrades: Tighe and ross MDF and IDF core 	<ul style="list-style-type: none"> • Upgrade Tighe edge switches.
Filtering Method	<ul style="list-style-type: none"> • Renewal of our web filtering service keeps our students safe and the content remains appropriate for a school environment. • Filtering student email & Docs to ensure safety of our students (Gaggle) 5-8 and add 2-4 	<ul style="list-style-type: none"> • Renewal of our web filtering service keeps our students safe and the content remains appropriate for a school environment. • Renewal of Gaggle filtering for email and docs for 2-8 	<ul style="list-style-type: none"> • Renewal of our web filtering service keeps our students safe and the content remains appropriate for a school environment. • Renewal of Gaggle for 2-8 • Web filter hardware upgrade
Software used for curricular support and filtering Software used for curricular support and filtering (continued)	<ul style="list-style-type: none"> • Continue to integrate curricular support software to increase and differentiate student learning. Provide web-based resources for student use at school and at home. Purchase online textbook subscriptions 	<ul style="list-style-type: none"> • Continue tasks from year one. Focus attention on school, media center, and teacher websites in all content areas. 	<ul style="list-style-type: none"> • Continue tasks from year one and year two.

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	to add virtual access for all students.		
Technical Support and maintenance	<ul style="list-style-type: none"> Continued renewal of our IT Ticket tracking system (SchoolDude) for support and maintenance. Look into assistive technology specific to assisting special needs and at-risk students for reading and writing (i.e. text-to-speech, speech-to-text, or grammar/ syntax proofreading) 	<ul style="list-style-type: none"> Continued renewal of our IT Ticket tracking system (SchoolDude) for support and maintenance 	<ul style="list-style-type: none"> Continued renewal of our IT Ticket tracking system (SchoolDude) for support and maintenance
Telecommunication s equipment and services	<ul style="list-style-type: none"> Renewal of vendor support contracts for phone equipment 	<ul style="list-style-type: none"> Renewal of vendor support contracts for phone equipment 	<ul style="list-style-type: none"> Renewal of vendor support contracts for phone equipment
Other Services:	<ul style="list-style-type: none"> Continue use of web-based benchmark software programs to assess student learning in all the content areas. Determine which benchmarking products should continue. Maintain enough devices to accommodate PARCC. Create and maintain multiple testing environments promoting better student performance on computer based assessments. 	<ul style="list-style-type: none"> Continue to support a variety of formative and summative assessments in all content areas through the use of technology. 	<ul style="list-style-type: none"> Continue tasks from year one and two.

2. NEEDS ASSESSMENT: Describe the needs assessment process that was used to identify the necessary telecommunication services, hardware, software, and other services to improve education.

We incorporated a three-prong approach to determine our needs as a district driven to transform our education with technology. First, we surveyed all teachers to evaluate their current use of technology, both for productivity and instruction, and to also elicit their ideas for additional technology that might aid in both realms. Secondly, we surveyed the staff at our middle school on the specific topic of technology devices in the classroom. We wish to make technology more accessible for all students while fully integrating technology tools in the daily learning of all students. The feedback we received from this survey will assist as we move forward with new purchases, policies, and practices supporting technology usage. Finally, we collaborated among the members of our District Technology Committee to further investigate the needs of each school and the possible technological innovations that could be added to our environment. The knowledge and experiences of the computer teachers, media specialists, Technology Coordinator, Supervisor of Instruction, and district administrators on this committee provided direction to infuse technology into our instruction to improve learning and productivity.

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The major innovations that have been selected include:

- Continue to embed instructional technology in all classrooms and content areas.
- Continue to instruct students on cloud computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms.
- Actively evaluate new hardware and software products for potential implementation in our schools to streamline and improve learning, organization, and productivity for both students and staff.
- Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills.
- Continue the partnership between the Margate City Public Library and Margate City School District to enhance the educational resources available to our staff, parents, and students.
- Provide staff training and development in both existing and new technologies through a variety of individual, small group, and building-wide methods based on the specific needs of the staff while still supporting the goals of the district.
- Revise our policies and procedures to maintain the consistent, safe use of technology for our staff and students as we incorporate new innovations into our daily school lives.

All teachers were surveyed in May 2016 to evaluate current needs regarding technology, both with hardware and software along with staff development. A majority of the responses were “No” or “Not at this time”. Other responses are listed below and were considered in the development of the three-year plan.

The results of the surveys are included below:

<p>STAFF PROFESSIONAL DEVELOPMENT - <i>Are there any topics related to educational technology that you wish to be offered?</i></p>	<p>TEACHER PRODUCTIVITY - <i>Are there any new educational technology hardware or software items that you wish to have reviewed and possibly purchased to enhance your professional productivity in the near future?</i></p>	<p>STUDENT LEARNING - <i>Are there any new educational technology hardware or software items that you wish to have considered and possibly purchased to improve student learning and instruction in your classroom?</i></p>
<ul style="list-style-type: none"> ● Further training on using Google Classroom - ie, how to set assignments & attach files/videos for students; ● Continue training on Google Forms - how to create assessments with Google Forms, and use a grading app to automatically score (Flubaroo for quizzes, and 	<ul style="list-style-type: none"> ● Laptops or similar portable devices for staff use, both in and out of the building. ● I would like to renew my online subscription to SuperTeacherWorksheets ● My 3d printer gets a lot of use and is in need of repair and possibly we may need to purchase another. It is hard to keep up with production. 	<ul style="list-style-type: none"> ● Continue use of ScootPad; I did a trial with my class this year and really liked it -valuable activities and RTI data. I have printouts and screenshots of their reports to share if needed. (Also would like to continue with SumDog, RazKids, and Readinga-z.com) ● Some form of screen to do group exercises (ex. Kids Insanity Workouts), and things like Dance Dance Revolution (fun

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<p>JoeZoo for assessing writing, perhaps)</p> <ul style="list-style-type: none"> Using technology in Physical Education without it being costly 	<ul style="list-style-type: none"> Story Jumper.....site to create, publish and purchase created books 	<p>ways to incorporate dance in the gym).</p> <ul style="list-style-type: none"> continue with the same, raz-kids, reading a-z,brainpop
<p>STAFF PROFESSIONAL DEVELOPMENT - <i>Are there any topics related to educational technology that you wish to be offered?</i></p>	<p>TEACHER PRODUCTIVITY - <i>Are there any new educational technology hardware or software items that you wish to have reviewed and possibly purchased to enhance your professional productivity in the near future?</i></p>	<p>STUDENT LEARNING - <i>Are there any new educational technology hardware or software items that you wish to have considered and possibly purchased to improve student learning and instruction in your classroom?</i></p>
<ul style="list-style-type: none"> Training on staff access to technology programs we already have in house such as United Streaming, Learn 360, Google Classroom, and the variety of credible, age appropriate subscription based More smart board training smart notebook, smartboard, GAFE Continue to update us on uses of Google Classroom and any other Google Apps that might be good to support instruction 	<ul style="list-style-type: none"> I was hoping that there was some type of software that I could use to connect my computer/Smartboard that would allow me to walk around the room and write on an iPad of some sort and it would show up on the SmartBoard. I am sure there is something out there that exists; I just don't know what it is called. Would like to see if there is a way to have our text series audio resources downloaded digitally instead of dealing with CDs. They are time consuming and start to wear out. 	<ul style="list-style-type: none"> I would like it to be considered when upgrading classroom computers that you take from the Media center and replace mine. I would also like to consider buying all in one touch screens. Scootpad....to differentiate high and low Pearson Math updated Game Show software. The kids loved reviewing with this but we never received it when purchasing the new updated Pearson program that aligned with common core standards. the only thing that I can think of would be to have the dragon speech to text program loaded on 4 or 5 student computers so that my non-writers could dictate when there is a writing assignment- which is all the time Once again, not sure what is out there, but i would be interested in knowing whats available that I could find beneficial in my classroom. I would like 4 lap tops or Chrome Books for my classroom. I would use them for literacy and math centers.

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STAFF PROFESSIONAL DEVELOPMENT - <i>Are there any topics related to educational technology that you wish to be offered?</i>	TEACHER PRODUCTIVITY - <i>Are there any new educational technology hardware or software items that you wish to have reviewed and possibly purchased to enhance your professional productivity in the near future?</i>	STUDENT LEARNING - <i>Are there any new educational technology hardware or software items that you wish to have considered and possibly purchased to improve student learning and instruction in your classroom?</i>
<ul style="list-style-type: none"> ● Research databases available on Tighe's Cyber Research Room, which is on my webpage. I believe staff/students are overly dependent on "Google browser" because they are unaware of the quality resources we have in the district that we pay good money to access. ● I am not familiar with the "latest" in educational technology and would like to explore or shown whats available. ● Inservice on using Oncourse, Journeys, Pearson, and Study Island ● Google apps and how to load them on classroom machines ● Google drive and google docs ● Possibly Google Classroom - I was not able to incorporate this year and forgot the basics from last year. ● Advanced google documents-I know the basics, but what else should I be teaching my students? 		<ul style="list-style-type: none"> ● Now that students have adapted to the Chromebooks, there is a need to continue to accommodate classrooms with more hardware. I have been doing this by lending out my chromebooks and the Dell laptops, however that has proven to be hard on the devises, with regards to wear and tear and transporting problems. I think we are supplying devices to Social Studies and Life Skills for next year. Recently Mr. Saavedra was in need of laptops and the computer labs for several days so we did speak about getting him some Chromebooks, which is unfortunately after the budget has been adopted. I do have some ideas on how to accommodate him though so thanks for talking to me. ● Not this year, I am waiting to see if anything would be needed the following year as we purchase new textbooks for math.

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<p>STAFF PROFESSIONAL DEVELOPMENT - <i>Are there any topics related to educational technology that you wish to be offered?</i></p>	<p>TEACHER PRODUCTIVITY - <i>Are there any new educational technology hardware or software items that you wish to have reviewed and possibly purchased to enhance your professional productivity in the near future?</i></p>	<p>STUDENT LEARNING - <i>Are there any new educational technology hardware or software items that you wish to have considered and possibly purchased to improve student learning and instruction in your classroom?</i></p>
<ul style="list-style-type: none"> ● Sharing and commenting on documents-it seems like it works differently for different students ● I could use some more development with Study Island and Google Classroom applications. 		

3. THREE-YEAR GOALS: List clear goals for 2017-2020 that address district needs.

The following goals are presented to improve educational technology for the next three school years:

1. Implement a rigorous standards-based curriculum focused on proficiency of New Jersey Student Learning Standards and 21st century content, context learning skills, and technology tools that challenges all students and provides for differentiation.
2. Continue to utilize a 21st century balanced assessment system including classroom, benchmark, and summative assessments that support student learning and achievement.
3. Implement an instructional program centered on Literacy and Mathematics proficiency based on 21st century learning with a district-wide commitment to all students.
4. Use technology to enhance student learning and advance mastery of 21st century skills by promoting greater student achievement, increasing student engagement, assessing student performance, facilitating communication and collaboration with the administration.
5. Design and equip learning environments which support discovery, creativity, and innovation in order to develop critical thinking skills.
6. Continue to use the NJ Student Learning Standards as a guide with which to integrate technology as a learning tool throughout the curriculum.

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7. Provide ongoing opportunities and support for teachers to integrate 21st century skills into content and instruction.
8. Continue to support staff development plans for the implementation and infusion of technology.
9. Increase productivity in the management of administrative and student data.
10. Increase communication and involvement with parents in order for them to be able to become more informed about their child’s education and also be able to reinforce their child’s instruction at home.

4. THREE-YEAR IMPLEMENTATION AND STRATEGIES TABLE: Describe the realistic implementation strategies to improve education.

Person Responsible: Being a small K-8 district, the Technology Coordinator and the Supervisor of Instruction work closely with the Superintendent and Building Principals to support the needs of the staff, students, and parents related to educational technology.

District Goal	Strategy/Objective	Activities
1	Maintain a standards-based lesson-planning format that aligns assessments, instruction, and resources with the New Jersey Student Learning Standards, National Educational Technology Standards (NETS) and 21 st century learning across the curriculum.	<ul style="list-style-type: none"> ● Use of Student Information System software. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff. ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills.
2	Monitor the effectiveness of integrating Information Literacy into the disciplines, to provide students with competitive 21 st century skills to prepare them to thrive in a global society, and modify as deemed appropriate.	<ul style="list-style-type: none"> ● Use of Student Information System software. ● Continue Cloud Computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff. ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills. ● Revise our policies and procedures to maintain the consistent, safe use of technology.

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3	Utilize a balanced assessment system throughout teaching and learning to diagnose student needs, plan next steps in instruction, and provide students with descriptive feedback to improve the quality of students' work, incorporating technology for management, dissemination, and storage as much as possible.	<ul style="list-style-type: none"> ● Continued implementation of content-specific Benchmark Assessment software. ● Use of Student Information System software. ● Continue Cloud Computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms.
4	Promote an environment that fosters innovation, creativity and the development of a deep understanding and appreciation for Science, Technology, Engineering and Mathematics through the use of inquiry-based instruction.	<ul style="list-style-type: none"> ● STEM projects in each grade ● STEM/Enrichment Project fair each spring ● Extra-curricular activities such as Family STEM Night and <i>Girls Who Code</i>. ● Inquiry based learning activities noted in lesson plans ● Enrichment activities and demonstrations ● Continue Cloud Computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff. ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills.
5	Commit to technology literacy that introduces all students to technology use in the learning process and incorporate assistive technology for students with special needs that is evident in lesson plan and curriculum updates.	<ul style="list-style-type: none"> ● Continue Cloud Computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms. ● Revise our policies and procedures to maintain the consistent, safe use of technology.
6	Equip all classrooms with progressive instructional technologies to enhance student learning and achievement.	<ul style="list-style-type: none"> ● Rotate aging technology equipment for new technology equipment where needed. ● Add additional mobile devices. ● Continue Cloud Computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff.

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		<ul style="list-style-type: none"> ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills.
7	Expose students to real world issues and opportunities to solve authentic problems through the use of digital tools and resources	<ul style="list-style-type: none"> ● Cloud computing to foster better communication, organizational skills, research practices, and productivity with software applications across platforms. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff. ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills. ● Revise our policies and procedures to maintain the consistent, safe use of technology.
8	Ensure that technology efforts in classrooms are driven by education through assisting in meeting the NJ Student Learning Standards	<ul style="list-style-type: none"> ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff. ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills. ● Provide staff training and development in both existing and new technologies through a variety of methods. ● Revise our policies and procedures to maintain the consistent, safe use of technology.
9	Utilize trained staff to mentor, peer coach, and collaborate with colleagues to meet the specific needs of the district's educational goals.	<ul style="list-style-type: none"> ● Provide users with technology training through in-house technology coaches. ● Revise our policies and procedures to maintain the consistent, safe use of technology.
10	Provide in-service training using in-house expertise and/or paid presenters to address the integration of 21 st century skills.	<ul style="list-style-type: none"> ● Provide users with technology training through in-house technology coaches ● Refine our physical classroom, computer lab, and media center environments to facilitate 21st Century learning and skills.
11	Staff development will be supported by district technology coaches to help integrate technology into lessons as well as be a layer of support/training for staff.	<ul style="list-style-type: none"> ● Provide staff training and development in both existing and new technologies through a variety of methods.

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		<ul style="list-style-type: none"> ● Assist with utilization of instructional software. ● Evaluate new hardware and software products to streamline and improve learning, organization, and productivity for both students and staff.
12	Utilize a web-based Student Information System to facilitate data maintenance, staff productivity, and communication efforts.	<ul style="list-style-type: none"> ● Continue to utilize Student Information System software ● Ongoing Data Entry and Maintenance
13	Continue the use of a call notification system and a district website to assist with communication between home and school.	<ul style="list-style-type: none"> ● Continue Call Notification System software ● Website Hosting software ● Ongoing Data Entry and Maintenance
14	Expand the use of district Evaluation Management software to improve teacher evaluation procedures.	<ul style="list-style-type: none"> ● Expand use of OnCourse software using the Evaluation features. ● Provide training and support for teachers and administrators using the expanded features.

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5. PROFESSIONAL DEVELOPMENT STRATEGIES: Professional development strategies should ensure that staff knows how to effectively use the technologies described in this plan to improve education, and will continue to support identified needs through 2020.

Professional Development Table		
Educators' Proficiency/ Identified Need	Ongoing, sustained, high-quality professional development planned	Support
Improve classroom instruction and student learning in the content areas with the use of educational technology software products.	Five-year cycle of curricular area review adhered to by district to ensure ongoing evaluation and improvements; Local professional development topics are offered with a focus on improving student achievement; Outside workshop opportunities, such as ETTC, are continuously accessible to all staff.	Grade level teams and Department teams meet frequently to review effectiveness of current software programs; New products are reviewed and evaluated by the Technology Coordinator and the Supervisor of Instruction; Teachers are surveyed to measure interest in various technologies and to assess areas of need to improve our use of educational technology.
Incorporate 21 st Century skills and themes into all areas of the curriculum utilizing current technologies.	Co-teaching and peer modeling are done among grade level or content area teachers, often by building level technology coaches or administrators, when new educational technology applications are first introduced.	Technology use will be reflected in weekly electronic lessons plans, all of which are closely monitored by building principals; Communication methods are facilitated for all stakeholders through the school website and district call system; the District Technology Committee will investigate, budget and acquire new products to advance 21 st Century learning.
Maintain technology to fully support the annual requirements of the PARCC assessments.	Teachers are trained to proctor and administer web-based assessments; Utilize student assessment data to provide appropriate interventions and chart progress toward grade level goals.	Teachers are provided with professional development to prepare for the PARCC assessment. Students are exposed to sample PARCC test items and opportunities to practice computer-delivered assessment items.

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6. EVALUATION PLAN: Describe the evaluation process that enables the progress and effectiveness of goals to be monitored.

Educational Technology Plan Evaluation Narrative	
Describe the process to regularly evaluate how...	
<p>a. <i>Telecommunication services, hardware, software and other services are improving education.</i></p>	<ul style="list-style-type: none"> ● Monitor student achievement and performance on district and statewide formative and summative assessments. ● Survey staff, parents, and students to gather feedback and make improvements as we transition to a digital learning environment fostering communication, collaboration and interaction among stakeholders. ● Encourage teachers to actively connect with data, resources, and content to improve their students’ learning by providing scheduled time and direction by the administration.
<p>b. <i>Effective integration of technology is enabling students to meet challenging state academic standards.</i></p>	<ul style="list-style-type: none"> ● Continue to expand student access to digital tools by providing devices to facilitate engagement, interaction, understanding, and 21st Century skills. ● Monitor teacher electronic lesson plans to ensure continuous implementation of educational hardware, software, and web-based resources related to curricular standards in all content areas.
<p>c. <i>The LEA is meeting the identified goals in the educational technology plan.</i></p>	<ul style="list-style-type: none"> ● Review of plan and goals by the District Technology Committee prior to each annual budget submission. ● Involvement of the School Improvement Panels to support professional development and implement technology trainings based on staff needs and interest.

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7. MID-COURSE CORRECTIONS: Describe the process to make mid-course corrections in response to new developments and opportunities as they arise.

Technology needs to be integrated into all the environments of the school. It should be used as a tool to increase learning, organization, and production of products for both students and staff. Considering the importance of technology in the 21st Century, new advancements are being released on a regular basis. It is essential that we continually re-evaluate our purchases and use of both educational hardware and software to ensure successful assimilation.

There are two important tasks that must be completed by the District Technology Committee over the next three years that might alter the direction of this plan.

1. Research and review of new technologies must constantly be occurring. New products may become available that have the potential to better our instruction and outcomes. These products should be actively investigated and evaluated for use in our district, either to supplement or replace existing technologies.
2. Professional development of our staff is an important component to ensure successful use of technology. Periodic needs assessments should be completed and workshops should be developed or offered to staff based on their specific needs. Modeling of the new technologies can also be done by proficient colleagues or the building technology coaches.

Technology and information literacy are going to be required competencies for today's students to succeed in tomorrow's global workforce. It is imperative that our K-8 schools create learning environments that provide our students with experiences to enable this.

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8. FUNDING PLAN: Provide the anticipated costs for 2017-2018 that will be needed to achieve the goals of this plan.

Three-Year Educational Technology Plan Anticipated Funding Table (First Year)					
ITEM	DESCRIPTION OF ITEM TO BE PURCHASED	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)
Digital curricula, instructional Hardware and Software	<ul style="list-style-type: none"> • Curricular support est (\$40,000) • Assessment est. (\$5,000) • Online textbooks est. (\$60,000) 				
Technology Equipment	<ul style="list-style-type: none"> • Ross cafe projector upgrade (TBD) • Ross cafe audio reliability upgrade (TBD) • See chart/section 1 / budget 				
Network / Capacity	<ul style="list-style-type: none"> • Ross edge switches(TBD) • Ross File Server (TBD) • District Firewall upgrade (TBD) 				
Web Filtering	<ul style="list-style-type: none"> • Filtering Renewal (TBD) 				
Email/Drive Filtering	<ul style="list-style-type: none"> • Gaggle Filtering Renewal grades 5-8 (\$2,106) • Gaggle Filtering add grades 2-4 (\$1,120) 				
Maintenance	<ul style="list-style-type: none"> • Parts for computers (\$10,000) • Parts for SmartBoards (\$10,000) 				
Upgrades	<ul style="list-style-type: none"> • Ross STEM lab ChromeBoxes (\$4,410) • Ross Media PCs (TBD) • Tighe ChromeBoxes(\$4,900) • Tighe Math ChromeBooks & carts (\$27,545) • Ross 4th Grade ChromeBooks & carts (\$20,659) 				
Policy and Plans	<ul style="list-style-type: none"> • Ongoing revision of Student and Staff Acceptable Use Policies to reflect current use of technology 				

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Three-Year Educational Technology Plan
2017-2020**

Stakeholder Table		
Title	Name	Signature
Superintendent	Mr. John DiNicola	
Technology Coordinator	Mr. Michael Morris	
Supervisor of Instruction	Mrs. Lauren Cohen	
Principal	Mrs. Audrey Becker	
Principal	Mrs. Michelle Carney-Ray	