RIVERSIDE TOWNSHIP SCHOOL DISTRICT

THREE YEAR EDUCATIONAL TECHNOLOGY PLAN

2013-16

Stakeholder Table

Stakeholder Table		
Title	**Name**	**Signature**
Superintendent	Robin A. Ehrich	
Principal	Todd Pae	
Technology Coordinator	Jonathan Gazaway	
Curriculum Director/Curriculum Committee Member	Michael Mongon	
Teacher	Dorothy Hiltebrand	
Special Education Teacher	Christine Bilo	
Library Media Specialist	Claudia West-Grady	
Guidance	Laura Galgoci	
Board Member	Ronald Russell	
Parent	Lynn Starke	
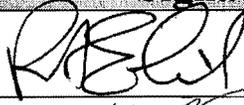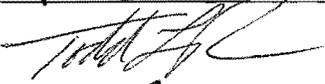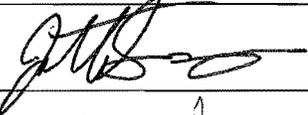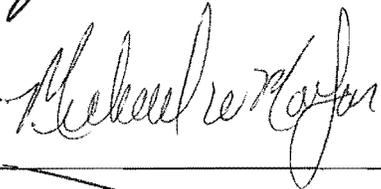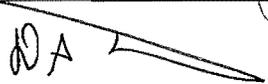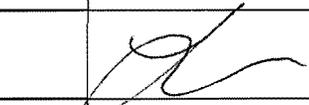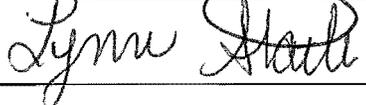
Inventory Table

Three-Year Educational Technology Plan Inventory Table			
Area of Need	**Describe for erate funded year 1 2013-2014**	**Describe for erate funded year 2 2014-2015**	**Describe for erate funded year 3 2015-2016**
Technology Equipment including assistive technologies	Replace obsolete workstations with newer ones. Add Smartboard and projectors to classrooms as needed. Continue server upgrades as needed. Wireless accessibility mobile labs.	Replace obsolete workstations with newer ones. Add Smartboard and projectors to classrooms as needed. Continue server upgrades as needed. Wireless accessibility mobile labs. Bring your own Device (BYOD).	Replace obsolete workstations with newer ones. Add Smartboard and projectors to classrooms as needed. Continue server upgrades as needed. Wireless accessibility mobile labs. Bring your own Device (BYOD). Online website collaboration (I.E. Sharepoint).
Networking Capacity	Single Cable modem 50Mbs Download 10Mbs Upload	Single Cable modem 100Mbs Download 20Mbs Upload Capability of New Jersey Statewide Assessments	Single Cable modem 100Mbs Download 20Mbs Upload Capability of New Jersey Statewide Assessments
Filtering Method	Networks and More! Child Information Protection Act (CIPA) Compliant Web filter.	Networks and More! Child Information Protection Act (CIPA) Compliant Web filter.	Networks and More! Child Information Protection Act (CIPA) Compliant Web filter.
Software used for curricular support and filtering	Continued E-mail in house. Study Island, Type to Learn, Noodle Tools, SIRS Research, Grolier Online,	Continued E-mail in house. Study Island, Type to Learn, Noodle Tools, SIRS Research, Grolier Online, Title Peek,	Continued E-mail in house, Add unified messaging to our email server.

	Title Peek, Google Apps Barracuda	Google Apps New Jersey Statewide Assessments. Barracuda	Study Island, Type to Learn, Noodle Tools, SIRS Research, Grolier Online, Title Peek, Google Apps, increase software Online Course and virtual Schools. New Jersey Statewide Assessments. Surveys Barracuda
Technical Support and maintenance	Continue to purchase refurbished computers to defray cost. Start adding Windows 7 to PCs. Continued use of in-house technical support. Consulting support if needed.	Continue to purchase refurbished computers to defray cost. Add Windows 7 or 8 to PCs. Investigate bandwidth management/priority. Add Wireless Access Points where needed. Continued use of in-house technical support. Consulting support if needed.	Continue to purchase refurbished computers to defray cost. Add Windows 7 or 8 to PCs. Investigate bandwidth management/priority. Add Wireless Access Points where needed. Continued use of in-house technical support. Consulting support if needed.
Telecommunications equipment and services	Continue to use current phone system	Continue to use current phone system. Use Fax system for Ethernet	Continue to use current phone system or Explore a VOIP system for cost reduction
Other Services:		Document Storage System	

Riverside Township Public School District
Three-Year Educational Technology Plan
Technology Needs Assessment

The Riverside Township School District technology needs assessment was completed through teacher survey response and professional development feedback reporting. The main areas of focus included educators current practice in technology integration within instruction, proficiency in use of technology and the assessment of the current educational environment and the identification of the barriers which exist.

Currently our Pre-K12 educators are using technology in the areas of subject matter specific to their curriculum, student information systems, interactive boards, human resources, payroll, accounting, email, and IEP's.

Currently our teachers are using technology in many ways, including but not limited to: teacher webpages for homework, resources for students, communication with students and parents, engaging students beyond the classroom, Genesis student management system, curriculum specific software, simulations, digital art, game design, music theory, Internet research and sharing, Blogging, web quests, native speaking, cultural exchanges, Art studies, Graphic calculators, Smart Boards, Mimeos, Ipads, Smart Tables, LCD projectors, and Senteo handheld responders.

All staff has access to a computer in their room or workspace. Seventy-five percent of faculty have access, in the classroom they teach, to Smart and multimedia technology. Additional training is necessary to utilize fully the equipment currently in place. Additional funds are necessary to purchase equipment and provide training.

Students have access to technology to support the use of 21st century skills in their learning environment. Computer labs are available for student use in each building. All elementary classrooms have multiple computers in place. Computers are replaced on a regular basis both in the classroom and in labs. There is a need for additional student work stations in preparation for the upcoming PARCC assessments.

Students in the 8th grade are assessed annually for their technological knowledge.

Educators are polled bi-annually by the LPDC concerning their staff development needs. Courses are offered at the educators' proficiency levels on a regular basis for all staff based on the identified needs by staff and administration. This model has been effective at addressing the identified needs.

Ongoing, sustained professional development was provided in 2011-12 for all educators to further the effective use of technology in the classroom or library media center. The LPDC offered courses during the Professional Development Days in November and February to address technology needs. This effort needs to be sustained and grown within budgetary constraints.

Secretarial, Custodial and Maintenance personnel participated in the professional development sessions during in-service time. Educational assistants have always been invited to participate in the in-service activities. Annual mandatory training was completed by all staff in the 2012-13 school year.

The Technology Committee of the Board of Education has identified barriers related to using educational technology as part of instruction. Finances are the key barrier to implementing all the identified areas for professional development within budgetary constraints.

The Riverside Township School District holds high standards of academic achievement as evidenced by our NJ ASK, HSPA, and EOC scores. In order to continue to provide the best learning opportunities we will need to address the funding barrier. This is the primary obstacle we face. The administrative and instructional staff is ready and eager to continue to develop and expand their technology skill and knowledge in order to better serve the students in our learning community.

Riverside Township Public School District
Three-Year Educational Technology Plan
Goals and Objectives 2013-2016

1. Through the three year curriculum audit process, starting with the 2012-13 school year, information literacy, educational technology and 21st century skill development will be integrated into the district's curriculum, instructional, and assessment activities.

2. Students will demonstrate proficiency in using educational technology and information literacy skills to enhance learning, develop critical thinking skills, develop collaborative skills and promote creativity.

3. District faculty will participate in high-quality professional development activities and attain, at a minimum, intermediate proficiency levels in utilizing educational technology to enhance student achievement.

4. The district evaluation forms will be assessed and changed annually to ensure our evaluation practices address the effective use of educational technology for student achievement.

5. Students and staff will have equitable access to technology equipment – desktop, projection, portable, and others yet to be defined – and software in all learning environments. This includes access to technologies with universal design features or other design modifications that assure access for students with educational disabilities.

6. Prepare district schools for compliance with administering the Partnership for Assessment of Readiness for College and Careers (PARCC) assessment in 2015.

Riverside Township Public School District
Three-Year Educational Technology Plan
Three-Year Implementation Activity Table

Three-Year Technology Implementation Activity Table				
District Goal and Objective	**Strategy/Activity**	**Timeline**	**Person Responsible**	**Documentation**
Goal 1	Curriculum updates.	2013-2016	Curriculum Coordinator and Administrators	Curriculum maps will be available online for each course of study.
Goal 2	Computer use, lab work participation in online tutorials, and web quest.	2013-2016	21st Century Skills teachers	Proficiency measurements at all grade level as per NJCCCS 2009 and State Common Core Curriculum.
Goal 3	Professional Development.	2013-2016	District Professional Development Committee and School-Based Professional Development Committees.	Comparison of results of baseline survey to annual surveys conducted each Feb for the next three years.
Goal 4	Teachers will update and implement new assessment tools in order to ensure effective use of educational technology for student achievement.	2013-2016	Administration	District PDP, PGP observation, and end of year evaluation forms.
Goal 5	Administrators will work with Technology Specialist through budget process to ensure equitable access to equipment.	2013-2016	Technology Specialist, Administration and Superintendent	Inventory of equipment and software.
Goal 6	Purchase additional software and hardware that meets Partnership for Assessment of Readiness for College and Careers (PARCC) assessment standards.	2013-2016	Teachers, Administration, and Superintendent	Successful completion of PARCC testing within timelines established by the state.

Professional Development Table

Educators' Proficiency/ Identified Need	Ongoing, sustained, high-quality professional development planned	Support
Educators will know how to design a lesson in which students collaborate to share their reports or writings with their peers.	Grade level and departmental meetings throughout the year.	Department Chairs and Administrators
Educators will be able to create webpages to be accessed by students as part of a lesson.	Sessions will be planned for our Professional Development blocks in October, December and March.	The Local Professional Development Committee has identified Educators who are expert in this area, who will present training sessions during Professional Development blocks.
Use student test data available on the Student Management System to analyze student growth and determine instructional planning.	Collaboration faculty meetings, Teachers, Professional Learning Communities (PLCs) and teacher enrichment groups.	The Local Professional Development Committee has identified Educators who are well versed in this area. They will provide training and present during professional development opportunities. Administrators will provide training during PLC's, department and grade level meetings and faculty meetings.

Evaluation Plan Table

Educational Technology Plan Evaluation Narrative	
Describe the process to regularly evaluate how...	
a. Telecommunication services, hardware, software and other services are improving education.	A yearly technology survey is used to assess the district use of technology throughout the district in relation to planning, instruction, assessment, student projects, and staff use in regard to communication, time management and student data management. Consultation with district administrators and educators in assuring that technology needs regarding hardware, software, and network capacity are continually addressed.
b. Effective integration of technology is enabling students to meet challenging state academic standards.	Instructional evidence in the form of student work and assessment products and performance. Educational technology programs should be based on relevant research. It is, understood that as more validated research becomes available in the area of educational technology, programs will be modified to adopt those programs and components that show greater academic achievement and student success. The district will continue to provide multiple levels of training related to integrating technology into the curriculum, focusing on NJCCCS and Common Core State Standard benchmarks and content areas.
c. The LEA is meeting the identified goals in the educational technology plan.	The Superintendent along with building administrators will monitor and assess ongoing professional development in the area of educational technology. Building principals will evaluate teacher use of technology through formal and informal observations and review of online instructional lesson plans. The technology and curriculum BOE committees will meet on a regular basis to discuss educational best practices and to make recommendations to the Board.

Riverside Township Public School District
Three-Year Educational Technology Plan
Funding Plan Table

	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 (see NIMAS)	RAZ Kids, Study Island, Enchanted Learning, Type to Learn, Layered Earth, AutoCAD, NoodleTools, Grolier Online, SIRS,			X	
Print media needed to achieve goals	Adobe Creative Suite 4			X	
Technology Equipment	Computer on Wheels, Mimios, Inkjet Printer, Computers			X	
Network	Server, Switches			X	
Internet	Comcast Internet	E-Rate		X	
Filtering	Networks and More Secure School, Barracuda	E-Rate		X	
Software	Genesis, Contour Data, Global Connect			X	
Software Licensing	Microsoft Products, AutoCAD, E-mail Client Access Licensing, Remote Desktop CAL			X	
Upgrades	RAM Upgrades for Computers			X	
Policy and Plans	Strauss Esmay			X	
Other services	Sharpschool, Schooldude, R School Today	E-Rate		X	