

Carteret Public Schools

District Technology Plan 2016 - 2019

DISTRICT VISION

The Carteret School District is committed to providing students with a technology rich learning environment through interdisciplinary curricula and multi-media integration. The leadership in this district continues to embrace both the visionary as well as the practical aspects of the technology plan. The Carteret School District believes in an effective technology plan that ensures all students will have the opportunity to develop the 21st Century Life and Career Skills necessary to be productive citizens in global, information driven society.

The shared vision continues to assist the district in addressing the updated standards developed to improve education in the areas of technological accessibility, strategies for learning, presentations, problem solving, and decision making. Administration, classroom teachers, students, their families, as well as the community, will be involved in the learning and utilization of technology. Chromebook carts are now in classrooms beginning with Grade 2.

The Carteret School District 2016-2019 Technology plan continues to make staff development a clear focus of our ongoing efforts to improve instruction and make data based decisions. The District's strong network infrastructure along with the use of cloud-based resources allows staff and students to work from anywhere and access files and data remotely.

District Goal #1: Continue to improve and maintain a technology infrastructure that meets current connectivity goals and can be augmented to meet future demand.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • Continue to support and maintain LANs/WAN for both hardware and software through server upgrades, fiber upgrades and VOIP phone system • Continue to provide internet access for staff/students use • Train key technology personnel in emergency data retrieval and system backup functions • Continue to support and improve technology-related security upgrades which support a more secure learning environment • Continue to provide and support the infrastructure needed for administration, staff, and students to connect with resources both within and outside via our network; to communicate with peers via GAFE and other cloud-based tools to facilitate productivity, learning and connectivity on a local and global level 	<ul style="list-style-type: none"> • Technology staff • Manager of IT • Business Administer 	<p>On-going</p> <p>2016-17 SY</p> <p>2017-18 SY</p> <p>2017-18 SY</p>	<ul style="list-style-type: none"> • Vendors/Partners • White papers/publications • Recommendations

District Goal #2: Continue to support and expand upon existing technology-based assessments across all subject areas.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • District staff will participate in self-assessment and reflection relative to assessment regarding the use and development of technology-based processes • Staff members will be trained in the creation and use of various assessments • Formative and Summative assessments will be developed to include 21st Century Life and Career Skills • Technology-based assessments across all subject areas will be available district-wide through the use of Google drive 	<ul style="list-style-type: none"> • Curriculum Directors • Principals • Supervisors • Pilot Teachers • Teachers 	<p>Ongoing</p> <p>2016-17 SY</p> <p>2017-18 SY</p> <p>2018-19 SY</p>	<p>Realtime</p> <p>GAFE</p> <p>Google Classroom</p> <p>gScholar</p> <p>LinkIt!</p> <p>Renaissance Learning</p> <p>Self-Assessment Rubric</p>

Goal #3: *Equitable Access to Technology and Connectivity*

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • Continue to add and replace computer hardware in all buildings; continue to utilize lease/purchase agreements to allow for a more effective use of funds to procure classroom devices • Continue to upgrade operating systems and/or replace devices that do not meet minimum operating specifications recommended by PARCC • Maintain and support district policies for student/staff computer and Internet use • Maintain records regarding student AUPs as well as evidence of notification and permissions regarding the use of student’s personal information on school-based websites (NJASA 592) 	<ul style="list-style-type: none"> • Business Administrator • Manager of IT • Curriculum Directors • Technical staff • Supervisor • Building secretarial staff 	<p>Ongoing</p> <p>2016-17 SY</p> <p>2017-18 SY</p> <p>2018-18 SY</p>	<p>Lease/purchase agreements</p> <p>Document Hardware Refresh Plan through device inventory</p> <p>Maintain inventory in NJTRAx</p>

Goal #4: High Quality Professional Development for Staff

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • Utilize site-based, professional learning communities to provide customized training for the specific school needs aligned to district goals • Provide training for the use of new student information system, Realtime, lesson planner, grade book, evaluations, PDP's, SGO's • Continue to provide content-specific training thorough After-School PD Academy, site-based workshops, and during the day workshops • Implement training specifically designed to support PARCC/online testing and utilize existing online assessment programs • Continue to support District committees to foster investigation of new ideas and methods to make all student and staff successful learners and users of technology 	<ul style="list-style-type: none"> • Assistant Superintendent • Curriculum Directors • Supervisors • Principals • Lead Teachers • Content area teachers 	<p>Ongoing</p> <p>2016-17 SY</p> <p>2017-18 SY</p> <p>2018-18 SY</p>	<p>After-School PD Academy</p> <p>Review and evaluation of digital usage reports</p> <p>Collaboration of District committees</p> <p>Staff will demonstrate and document the application of tools, materials and processes</p> <p>Rubric for Effective Teacher Technology Use</p> <p>Surveys</p> <p>Evaluations</p> <p>Reflection</p>

Budget

Goal No.	Activity	Funding Source (Federal/State/Private/Local)	Amount Per year
1, 3	Infrastructure/Hardware/Renewals	Local	2016 SY \$248,359 2017 SY \$470,155
2	Online Assessments	Local	2016 SY Linkit! \$18,000 2016 SY Renaissance Learning \$34,000
4	Professional Development	Local	2016 SY \$6700

Carteret High School Technology Plan

IMPLEMENTATION PLANNING – SCHOOL-BASED TABLE

School /Charter School/Renaissance School : Carteret High School

NJTRAx PARCC Readiness Rating: **9**

NJTRAx Digital Learning Readiness Rating: **5.5**

Goal 1: Educational Technology will be infused across the curricular areas focused on student-centered, problem-based, real-world curricula to attain real 21st century skills.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • Teachers will create digital assessments/digital Performance Based Assessments using GAFE for their curriculum that are similar to PARCC. <ul style="list-style-type: none"> ○ Assess teachers using SAMR and Rubric and create an improvement plan. ○ Teachers will use technology in lesson planning, classroom management, and developing authentic assessments in conjunction with Realtime and Google interfaces. ○ Teachers will look at grade specific PARCC Samples, document all of the technology skills and question types and incorporate them into creating assessments. 	Building Administrators, Technology Committee, Teachers, Technology Supervisor	2016- 2017 SY 2017- 2018 SY 2018- 2019 SY	Grades, student data, staff and administrator feedback, administrative evaluation, SAMR Model, Rubric for Effective Teacher Technology Use, PARCC Sample Tests and items
<ul style="list-style-type: none"> • Provide online testing support programs - LinkIt! • Provide online subscriptions to Facts on File, gScholar 	School/District Technology Committee and	2016- 2017 SY	LinkIt!

	Coordinators, Teachers, Administration, Tech funds	2017-2018 SY 2018-2019 SY	Facts on File gScholar
<ul style="list-style-type: none"> • Provide ongoing staff development on integrating technology: Faculty Meetings, PD Days, conferences, team meetings, Summer technology programs, professional days. • Collaborate with Carteret Public Library to provide media literacy information to students and parents. <ul style="list-style-type: none"> ○ Provide links to online databases via teacher websites. • Use web tools and programs like Realtime, unified messaging system, and teacher and district websites to collaborate and communicate with parents and other educators 	Building Administrators, Teachers, Trainers, Supervisors	2016-2017 SY 2017-2018 SY 2018-2019 SY	Media literacy information, Unified Messaging System, Teacher Management Systems (sites)
<ul style="list-style-type: none"> • Teachers will create a student centered learning environment using the 21st century skills including: <ul style="list-style-type: none"> ○ Blogging ○ Universal Design for Learning ○ Understanding by Design ○ Problem Based Assessments ○ Real-World Authentic Projects 	Building Administrators, Teachers, Trainers, Supervisors	2016-2017 SY 2017-2018 SY 2018-2019 SY	Professional Development (after school or during), common planning time, trainers,

Goal 2: Students and staff will have seamless access to a comprehensive infrastructure for learning when and where they need it.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> • Review necessary procedures and management techniques involving Chromebook use and distribution with teachers who are in classrooms with Chromebooks. <ul style="list-style-type: none"> ○ Student access forms will be accessed in conjunction and/or available with Realtime. • Staff will promote ethical, equitable, and legal use of computer and technology resources in accordance with district policies and state laws. • The effectiveness of district technology will be communicated to parents, and community members through various technologies to improve the perceptions of the Carteret Public Schools. Examples include: <ul style="list-style-type: none"> ○ Technology Night (training on Real Time, Google Classroom etc.) for parents ○ Realtime ○ District Email ○ gScholar ○ Websites ○ Podcasts 	<p align="center">Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development, Parents and students</p>	<p>Beginning of 2016-2017 School Year</p> <p>2017-2018 SY</p> <p>2018-2019 SY</p>	<p>Staff Development Sign-Ins, Professional Development offerings, gScholar, Realtime, District and High School Chromebook Procedures</p>

<ul style="list-style-type: none"> • Provide servers to increase storage for students to include digital projects, including videos, presentations, etc. • Provide curricula software to support district goals. • Expand the use of the Google platforms: <ul style="list-style-type: none"> ○ Conduct online courses for staff development ○ Provide information for new staff--email instructions, forms, and teacher handbook in conjunction with Real Time software. ○ Increase discussion board usage. ○ Use components to increase reading, writing, organizational and research skills. ○ Provide online server to include blogs, wikis, podcasts, etc. for students projects and classroom interactive activities; parents will be able to view presentations; provide training. 	District/building Technology Committee and Coordinators, Teachers, Administration, Technology Supervisor, Staff Development, parent notification through district unified notification system and/or Real Time	2016-2017 SY 2017-2018 SY 2018-2019 SY	Parent/student feedback, usage logs, requests for staff development, staff evaluation through Real Time, student engagement
<ul style="list-style-type: none"> • By the end of year 3, teachers will perform at a LEVEL 3 on the Rubric for Effective Teacher Technology Use 	Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development,	2016-2017 SY 2017-2018 SY 2018-2019 SY	Rubric for Effective Teacher Technology Use, Rubric Self-Assessment

Objective: Provide teachers with most current best practices and information to support the implementation of Goal 1 and 2.

Professional Learning

Goal No.	Initial Activities	Follow-up Activities (as appropriate)
2	<ul style="list-style-type: none"> • Discuss Chromebook procedures and management techniques for Chromebook use and distribution • Review State Laws (COPPA and CIPA) and district policies 	<ul style="list-style-type: none"> • Professional Development (after school or during) • Common planning periods
2	<ul style="list-style-type: none"> • Technology Night (for parents using Realtime and Google Classroom) 	<ul style="list-style-type: none"> • More than 1 night (if needed)
1	<ul style="list-style-type: none"> • Professional Development: Creating PARCC-type assessments using Google 	<ul style="list-style-type: none"> • Common planning and articulation meetings
1, 2	<ul style="list-style-type: none"> • Teachers will take a self-assessment using the Rubric for Effective Teacher Technology Use • Teachers will attend professional development and continue to work on improving technology use until they reach Level 3 (by the end of the 2018-2019 School year). 	<ul style="list-style-type: none"> • Professional Development (after school or during) • Common planning periods

Budget

Goal No.	Activity	Funding Source (Federal/State/Private/Local)	Amount
1, 2	Professional development for Realtime conversion, Advancement in Google Classroom, gScholar, LinkIt!	Local	\$30 per trainer for each hour
2	<ul style="list-style-type: none"> • Technology Nights: Realtime, Google Classroom, PARCC • Teacher Trainer Prep Time for PD Sessions • gScholar 	Local Local Local	\$30 per trainer for each hour \$30 per trainer for each hour \$160 per year

Carteret Middle School Technology Plan

IMPLEMENTATION PLANNING – SCHOOL-BASED TABLE

School /Charter School/Renaissance School : Carteret Middle School

NJTRAx PARCC Readiness Rating: 9

NJTRAx Digital Learning Readiness Rating: 6.4

Goal 1: Educational Technology will be infused across the curricular areas focused on student-centered, problem-based, real-world curricula to attain real 21st century skills.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Teachers will create digital assessments/digital Performance Based Assessments using GAFE for their curriculum that are similar to PARCC. <ul style="list-style-type: none"> ○ Assess teachers using SAMR and Rubric and create an improvement plan. ○ Teachers will use technology in lesson planning, classroom management, and developing authentic assessments in conjunction with Realtime and Google interfaces. ○ Teachers will look at grade specific PARCC Samples, document all of the technology skills and question types and incorporate them into creating assessments. 	Building Administrators, Technology Committee, Teachers, Technology Supervisor	2016-2017 SY 2017-2018 SY 2018-2019 SY	Grades, student data, staff and administrator feedback, administrative evaluation, SAMR Model, Rubric for Effective Teacher Technology Use, PARCC Sample Tests and items

<ul style="list-style-type: none"> ● Provide online testing support programs-Read 180, System 44, Renaissance Learning (LinkIt!). ● Provide online subscriptions to Scholastic Scope, TurnItIn.com, and Go Guardian. 	<p>School/District Technology Committee and Coordinators, Teachers, Administration, Tech funds</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	
<ul style="list-style-type: none"> ● Provide ongoing staff development on integrating technology: Faculty Meetings, PD Days, conferences, team meetings, summer technology programs, professional days. ● Collaborate with Carteret Public Library to provide media literacy information to students and parents. <ul style="list-style-type: none"> ○ Provide links to online databases via teacher websites. ● Use web tools and programs like Realtime, unified messaging system, and teacher and district websites to collaborate and communicate with parents and other educators 	<p>Building Administrators, Teachers, Trainers, Supervisors</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Media literacy information, Unified Messaging System, Teacher Management Systems (sites)</p>
<ul style="list-style-type: none"> ● Teachers will create a student centered learning environment using the 21st century skills including: <ul style="list-style-type: none"> ○ Blogging ○ Universal Design for Learning ○ Understanding by Design ○ Problem Based Assessments ○ Real-World Authentic Projects 	<p>Building Administrators, Teachers, Trainers, Supervisors</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Professional Development (after school or during), common planning time, trainers,</p>

Goal 2: Students and staff will have seamless access to a comprehensive infrastructure for learning when and where they need it.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Review necessary procedures and management techniques involving Chromebook use and distribution with teachers who are in classrooms with Chromebooks. <ul style="list-style-type: none"> ○ Student access forms will be accessed in conjunction and/or available with Realtime. ● Staff will promote ethical, equitable, and legal use of computer and technology resources in accordance with district policies and state laws. ● The effectiveness of district technology will be communicated to parents, and community members through various technologies to improve the perceptions of the Carteret Public Schools. <p>Examples include:</p> <ul style="list-style-type: none"> ○ Technology Night (training on Real Time, Google Classroom etc.) for parents ○ Realtime ○ District Email ○ Go Guardian ○ Websites ○ Podcasts 	<p align="center">Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development, Parents and students</p>	<p>Beginning of 2016-2017 School Year</p> <p align="center">2017-2018 SY</p> <p align="center">2018-2019 SY</p>	<p>Staff Development Sign-Ins, Professional Development offerings, Go Guardian, Realtime, District and Middle School Chromebook Procedures</p>

<ul style="list-style-type: none"> ● Provide servers to increase storage for students to include digital projects, including videos, presentations, etc. ● Provide curricula software to support district goals. ● Expand the use of the Google platforms: <ul style="list-style-type: none"> ○ Conduct online courses for staff development ○ Provide information for new staff--email instructions, forms, and teacher handbook in conjunction with Real Time software. ○ Increase discussion board usage. ○ Use components to increase reading, writing, organizational and research skills. ○ Provide online server to include blogs, wikis, podcasts, etc. for students projects and classroom interactive activities; parents will be able to view presentations; provide training. 	<p>District/building Technology Committee and Coordinators, Teachers, Administration, Technology Supervisor, Staff Development, parent notification through district unified notification system and/or Real Time</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Parent/student feedback, usage logs, requests for staff development, staff evaluation through Real Time, student engagement</p>
<ul style="list-style-type: none"> ● By the end of year 3, teachers will perform at a LEVEL 3 on the Rubric for Effective Teacher Technology Use 	<p>Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development,</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Rubric for Effective Teacher Technology Use, Rubric Self-Assessment</p>

Objective: Provide teachers with most current best practices and information to support the implementation of Goal 1 and 2.

Professional Learning

Goal No.	Initial Activities	Follow-up Activities (as appropriate)
2	<ul style="list-style-type: none"> ● Discuss Chromebook procedures and management techniques for Chromebook use and distribution ● Review State Laws (COPPA and CIPA) and district policies 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods
2	<ul style="list-style-type: none"> ● Technology Night (for parents using Realtime and Google Classroom) 	<ul style="list-style-type: none"> ● More than 1 night (if needed)
1	<ul style="list-style-type: none"> ● Professional Development: Creating PARCC-type assessments using Google 	<ul style="list-style-type: none"> ● Common planning and articulation meetings
1,2	<ul style="list-style-type: none"> ● Teachers will take a self-assessment using the Rubric for Effective Teacher Technology Use ● Teachers will attend professional development and continue to work on improving technology use until they reach Level 3 (by the end of the 2018-2019 School year). 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods

Budget

Goal No.	Activity	Funding Source (Federal/State/Private/Local)	Amount
1, 2	Professional development for Realtime conversion, Advancement in Google Classroom, gScholar, LinkIt!	Local	\$30 per trainer for each hour
2	<ul style="list-style-type: none"> • Technology Nights: Realtime, Google Classroom, PARCC • Teacher Trainer Prep Time for PD Sessions • gScholar 	Local Local Local	\$30 per trainer for each hour \$30 per trainer for each hour \$160 per year

Columbus School Technology Plan

IMPLEMENTATION PLANNING – SCHOOL-BASED TABLE

School /Charter School/Renaissance School: Columbus

NJTRAx PARCC Readiness Rating: 9

NJTRAx Digital Learning Readiness Rating: 5.5

Goal 1: The implementation of digital learning and readiness by administration, teachers and students to help achieve 21st Century Skills and Community Partnerships.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Teachers will create digital assessments (both classroom and PARCC like) for their curriculum using Google apps. <ul style="list-style-type: none"> ○ Teachers will follow SAMR model while using technology in lesson planning, classroom management, and developing authentic assessments in conjunction with Real Time and Google. ○ Teachers will use grade specific PARCC technology skills and question types and incorporate them into creating class assignments/ assessments. 	Building Administrators, Technology Committee, Teachers, Technology Supervisor	2016-2017 SY 2017-2018 SY 2018-2019 SY	Grades, student data, staff and administrator feedback,

<ul style="list-style-type: none"> ● Provide online testing support programs-Renaissance Learning, Quizlet, IXL, Link It, etc. 	<p>Technology Committee, Coordinators, Teachers, Administration.</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Online programs, Teacher sites, Tech budget</p>
<ul style="list-style-type: none"> ● Provide ongoing staff development in integrating technology: Faculty Meetings, PD Days, ● Use web tools and programs including but not limited to Realtime, teacher/ district websites to collaborate and communicate with parents and other educators ● Teachers will create student centered learning environments using 21st Century Skills. 	<p>Building Administrators, Teachers, Trainers, Supervisors</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Online programs, Teacher sites, Tech budget, and Professional Development</p>

Goal 2: Staff and students will be given time and access to online resources to help implement and achieve 21st Century learning.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Collaborate about procedures and management techniques involving Chromebook use for students using Chromebooks. <ul style="list-style-type: none"> ○ Student Internet access forms/Chromebook contracts will be available through Real Time. ● Staff will promote responsible digital citizenship and legal use of online resources in accordance with district policies and state laws. ● Students will demonstrate digital citizenship in handling of equipment and ethical use of online material. 	<p align="center">Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development, Parents and students</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Staff Development Sign-Ins, Professional Development offerings, gScholar, District Chromebook Procedures</p>

<ul style="list-style-type: none"> ● Provide curricula software to support district goals. ● Expand the use of the Google platforms: <ul style="list-style-type: none"> ○ Conduct online courses for staff development 	District/building Technology Committee and Coordinators, Teachers, Administration, Technology Supervisor, Staff Development, parent notification through district resources	2016-2017 SY 2017-2018 SY 2018-2019 SY	Parent/student feedback, usage logs, requests for staff development, staff evaluation through Real Time and student engagement
<ul style="list-style-type: none"> ● By the end of year 3, to have the Use of Time and Professional Learning scores to increase by 5%. 	Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development,	2016-2017 SY 2017-2018 SY 2018-2019 SY	Rubric for Effective Teacher Technology Use, Rubric Self-Assessment

Objective: Provide teachers with most current best practices and information to support the implementation of Goal 1 and 2.

Professional Learning

Goal No.	Initial Activities	Follow-up Activities (as appropriate)
2	<ul style="list-style-type: none"> ● Staff will be provided with access to on-line PD. ● Students will be allowed to access online textbooks where available. 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods
1	<ul style="list-style-type: none"> ● Professional Development: How to construct Problem based assignments/assessments. 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods
1,2	<ul style="list-style-type: none"> ● Teachers will take a self-assessment using the Rubric for Effective Teacher Technology Use ● Teachers will attend professional development and continue to work on improving technology use. 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods
	<ul style="list-style-type: none"> ● Teachers will attend professional development and continue to work on improving technology use until they reach Level 3 (by the end of the 2018-2019 School year). 	<ul style="list-style-type: none"> ● Professional Development (after school or during) ● Common planning periods ● Rubric Analysis

Budget

Goal No.	Activity	Funding Source (Federal/State/Private/	Amount
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1, 2	<ul style="list-style-type: none"> Professional development for Realtime conversion, Advancement in Google Classroom, gScholar 	Local	\$30 per trainer for each hour
2	<ul style="list-style-type: none"> Technology Nights: Realtime, Google Classroom, PARCC Teacher Trainer Prep Time for PD Sessions gScholar 	Local	\$30 per trainer for each hour
		Local	\$160 per year

Pvt. N. Minue School Technology Plan

IMPLEMENTATION PLANNING – SCHOOL-BASED TABLE

School /Charter School/Renaissance School: Pvt. N. Minue School

NJTRAx PARCC Readiness Rating: **9**

NJTRAx Digital Learning Readiness Rating: **5.8**

Goal1: Have students and teachers use technology in a more meaningful way.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Provide ongoing staff development in integrating technology: Faculty Meetings, PD Days, conferences, team meetings, Summer technology programs, professional days ● Provide links to online databases via teacher websites. ● Use web tools and programs like Realtime, unified messaging system, and teacher and district websites to collaborate and communicate with parents and other educators 	Building Administrators, Teachers, Trainers, Supervisors In/out of house experts	2016-2017 SY 2017-2018 SY 2018-2019 SY	Media literacy information, Unified Messaging System, Teacher Management Systems (sites)
<ul style="list-style-type: none"> ● Training to teachers that weren't initially trained in Chromebook use. 	BOE Principal In/out of house experts	2016-2017 SY 2017-2018 SY 2018-2019 SY	*Web based training *Resource bank *Training events with outside or In house experts

<ul style="list-style-type: none"> Use technology to have school (administration, teachers, students) perform the same tasks as was done before the use of computers 	Administration	2016-2017 SY	* Chromebook management system for teachers gScholar
	Teachers	2017-2018 SY	
	Students	2018-2019 SY	

Goal 2: To better prepare the School Community for 21st Century Learning, Communications and Digital Citizenship

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> Teachers will create a learning environment using the 21st century skills including: <ul style="list-style-type: none"> Blogging Universal Design for Learning Problem Based Assessments Real-World Authentic Projects Bi-Directional Communication 	Building Administrators, Teachers, Trainers, Supervisors	2016-2017 SY 2017-2018 SY 2018-2019 SY	*Blogging App such as KidBlog or other. * Chromebook management system for teachers (Go Guardian) * Classroom Connections * Virtual Field trips
<ul style="list-style-type: none"> Teachers will create digital assessments/digital Performance Based Assessments using GAFE for their curriculum that are similar to PARCC. 	Building Administrators, Technology Committee, Teachers, Technology Supervisor	2016-2017 SY 2017-2018 SY 2018-2019 SY	Grades, student data, staff and administrator feedback, administrative evaluation, SAMR Model, Rubric for Effective Teacher Technology Use, PARCC

<ul style="list-style-type: none"> ○ Assess teachers using SAMR and Rubric and create an improvement plan. ○ Teachers will use technology in lesson planning, classroom management, and developing authentic assessments in conjunction with Realtime and Google interfaces. ○ Teachers will look at grade specific PARCC Samples, document all of the technology skills and question types and incorporate them into creating assessments. 			Sample Tests and items
Use web tools and programs like Realtime, unified messaging system, and teacher and district websites to collaborate and communicate with parents and other educators	Building Administrators, Teachers, Trainers, Supervisors, Parents and students	2016-2017 SY 2017-2018 SY 2018-2019 SY	Media literacy information, Unified Messaging System, Teacher Management Systems (sites)
<p>Review necessary procedures and management techniques involving Chromebook use and distribution with teachers who are in classrooms with Chromebooks.</p> <ul style="list-style-type: none"> ○ Student access forms will be accessed in conjunction and/or available with Realtime. <p>Staff will promote ethical, equitable, and</p>	Building Administrators and Technology Committee, Teachers, Technology Supervisor, Staff Development, Parents and students	2016-2017 SY 2017-2018 SY 2018-2019 SY	Staff Development Sign-Ins, Professional Development offerings, gScholar , Realtime, District and School Chromebook Procedures

<p>legal use of computer and technology resources in accordance with district policies and state laws.</p> <ul style="list-style-type: none">● The effectiveness of district technology will be communicated to parents, and community members through various technologies to improve the perceptions of the Carteret Public Schools. Examples include:<ul style="list-style-type: none">○ Technology Night (training on Real Time, Google Classroom etc.) for parents○ Realtime○ District Email○ gScholar○ Websites○ Blogging			
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Objective: Provide teachers with most current best practices and information to support the implementation of Goal 1 and 2.

Professional Learning

Goal No.	Initial Activities	Follow-up Activities (as appropriate)
2	<ul style="list-style-type: none"> ● Discuss procedures and management techniques for Chromebook use and distribution ● Review State Laws (COPPA and CIPA) and district policies 	<ul style="list-style-type: none"> ● Professional Development ● Common planning periods
2	<ul style="list-style-type: none"> ● Technology Night (for parents using Realtime and Google Classroom) 	<ul style="list-style-type: none"> ● More than 1 night (if needed)
1	<ul style="list-style-type: none"> ● Professional Development: Creating PARCC-type assessments using Google 	<ul style="list-style-type: none"> ● Common planning and articulation meetings
1, 2	<ul style="list-style-type: none"> ● Teachers will take a self-assessment using the Rubric for Effective Teacher Technology Use 	<ul style="list-style-type: none"> ● Professional Development ● Common planning periods
2	<ul style="list-style-type: none"> ● Teachers will attend professional development and continue to work on improving technology. 	<ul style="list-style-type: none"> ● Professional Development ● Common planning periods

Budget

Goal No.	Activity	Funding Source (Federal/State/Private/)	Amount
1, 2	Professional development for Realtime conversion, Advancement in Google Classroom, gScholar, LinkIt!	Local	\$30 per trainer for each hour
2	<ul style="list-style-type: none"> • Technology Nights: Realtime, Google Classroom, PARCC • Teacher Trainer Prep Time for PD Sessions • gScholar 	Local Local Local	\$30 per trainer for each hour \$30 per trainer for each hour \$160 per year

Nathan Hale Technology Plan

IMPLEMENTATION PLANNING – SCHOOL-BASED TABLE

School /Charter School/Renaissance School: Nathan Hale

NJTRAx PARCC Readiness Rating: **9**

NJTRAx Digital Learning Readiness Rating: **5.9**

Goal 1: Educational Technology will take place in all grades with increase use of Chromebooks in classrooms and/or (Chrome Box) in the Library Media Center

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Teachers will create digital assessments/digital Performance Based Assessments using GAFE for their curriculum that are similar to PARCC. <ul style="list-style-type: none"> ○ Assess teachers using SAMR and Rubric and create an improvement plan. ○ Teachers will use technology in lesson planning, classroom management, and developing authentic assessments in conjunction with Real Time and Google interfaces. ○ Teachers will look at grade specific PARCC Samples, document all of the technology skills and question types and incorporate them into creating assessments. 	Building Administrators, Technology Committee, Teachers, Technology Supervisor	2016-2017 SY 2017-2018 SY 2018-2019 SY	Grades, student data, staff and administrator feedback, administrative evaluations

<ul style="list-style-type: none"> ● Provide online testing support programs: Renaissance Learning (Linkit) 	<p>School/District Technology Committee and Coordinators, Teachers, Administration, Tech funds</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Online programs, Teacher sites, Tech budget Quizlet, IXL, Think central</p>
<ul style="list-style-type: none"> ● Provide ongoing staff development in integrating technology: Faculty Meetings, PD Days, conferences, team meetings, Summer technology programs, professional days ● Use web tools and programs like Real Time and teacher and district websites to collaborate and communicate with parents and other educators ● Teachers will create student centered learning environments using 21st Century Skills such as problem based assessments and Real World Authentic Projects 	<p>Building Administrators, Teachers, Trainers, Supervisors</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p>Online programs, Teacher sites, Tech budget, and Professional Development</p>

Goal 2: Staff, parents and students will work towards Digital Citizenship and learn more about 21st Century skill sets.

Projects/Activities (include the steps required to ensure activity completion)	Person responsible for completion of activity and those responsible for reviewing or approving the activity to move forward	Timeline (mm/yr span)	Resources
<ul style="list-style-type: none"> ● Review necessary procedures and management techniques involving Chromebook use and distribution with teachers who are in classrooms with Chromebooks. <ul style="list-style-type: none"> ○ Student access forms will be accessed in conjunction and/or available with Real Time. ● Staff will promote ethical, equitable, and legal use of computer and technology resources in accordance with district policies and state laws. ● The effectiveness of district technology will be communicated to parents, and community members through various technologies like Real Time, district email, Go Guardian, websites, podcasts, etc. to improve the perceptions of the Carteret Public Schools. <ul style="list-style-type: none"> ○ Technology Night (training on Real Time, Google Classroom etc.) for parents 	<p align="center">Building Administrators, Teachers, Trainers, Supervisors</p>	<p>2016-2017 SY 2017-2018 SY 2018-2019 SY</p>	<p align="center">Go Guardian to monitor student digital citizenship and communication with parents</p>

Objective: Provide teachers with most current best practices and information to support the implementation of Goal 1 and 2.

Professional Learning

	Initial Activities	Follow-up Activities (as appropriate)
Goal		
No.		

2	<ul style="list-style-type: none"> Discuss procedures and management techniques for Chromebook use and distribution 	<ul style="list-style-type: none"> Professional Development Common planning periods
2	<ul style="list-style-type: none"> Technology Night (for parents using Realtime and Google Classroom) 	<ul style="list-style-type: none"> More than 1 night (if needed)
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1,2	<ul style="list-style-type: none"> Teachers will take a self-assessment using the Rubric for Effective Teacher Technology Use 	<ul style="list-style-type: none"> Professional Development Common planning periods
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Budget

Goal No.	Activity	Funding Source (Federal/State/Private/)	Amount
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1, 2	Professional development for Realtime conversion, Advancement in Google Classroom, gScholar, LinkIt!	Local	\$30 per trainer for each hour
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