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## Stakeholder Assurance

I agree to the contents in this educational plan, and the assurance that I will be involved in the implementation of this Technology Plan for Digital Learning. Involvement in the implementation of this Plan may include: reviewing the progress of meeting the goals and objectives, being responsible for completing one or more activities in the action plan, participating in the revisions of the plan. Stakeholders associated with the district and school levels (i.e., each principal from targeted schools) should sign.

<b>Name</b>	<b>Title</b>	<b>Signature</b>
Dr. Noreen Lishak	Superintendent	On file
Mrs. Mary Malyska	Assistant Superintendent	On file
Mr. Eli Freund	Special Services Supervisor	On file
Mrs. Shanti Kantha-Murray	Science Supervisor	On file
Mrs. Mary Roger	Teacher	On file
Mrs. Annemarie Stoeckel	Technology Supervisor	On file
Mr. Patrick Sarullo	Vice Principal, High School	On file
Mr. Roger Vroom	Principal, Middle School	On file
Mrs. Ellen Decker-Lorys	Principal, Grant	On file
Mr. Leo Whalen	Principal, Riley	On file
Mr. Kevin Hajduk	Principal, Kennedy	On file
Mr. Robert Diehl	Principal, Roosevelt	On file
Mr. Ralph Errico	Principal, Franklin	On file
Mrs. Amy Cicensia	Parent	On file
Mrs. Sharon Miller	BOE Member	On file

# Technology Plan Components Checklist

This form may be used to ensure all components are addressed in the submitted document for review.

<b>District: South Plainfield Public Schools</b>				
<b>NJTRAx PARCC Technology Readiness Rating: 9</b> <b>NJTRAx Digital Learning Readiness Rating: 5.5</b>				
<b>STEP</b>		<b>YES</b>	<b>NO</b>	<b>PAGE</b>
1.	District Vision	X		5
2.	NJTRAx technology readiness system for the district and for each school was updated.	X		9
3.	NJTRAx DL Surveys for each school were completed. GO TO STEP 5	X		10
4.	School-based Goals, Strategies, Objectives and Indicators are included for each identified school.	X		11-39
5.	Reflection and adjustment plan is included.	X		7-8
6.	School-based plan for infusion of technology within instruction is clearly understood.	X		11-39
7.	School-based Reflection & Adjustment is included for each identified school.	X		9-10
8.	School-based budget is included to support activities in Action Plan.	X		11-39

# **I. District Level**

## **District Vision**

### **Introduction**

In June of 2014, the district approved the 2014-2019 District Strategic Plan which outlined the District Mission Statement as well as the District Goals. This collaborative planning process included stakeholders from the district staff, administrators, parents and students. Goals were created in five crucial areas: Curriculum, Student Climate, Technology, Professional Development, and Community Engagement. The plan helps to guide the district in providing our students with the knowledge and skills needed to be successful in a digital society.

### **District Mission Statement**

Students are the focus of the South Plainfield Public Schools. We will provide a dynamic, rigorous, relevant and technology-enriched curriculum, guided by the NJCCCS and the Common Core Standards. Our mission is to develop life-long learners who are prepared to succeed in a global and diverse society. We are resolved to educate the whole child, instilling the desire within our students to question and to become divergent thinkers who can achieve their fullest potential.

### **District Strategic Planning Goals**

- Curriculum
- Student Climate
- Technology
- Professional Development
- Community Engagement

### **Strategic Plan Technology Goal Statement**

Improve student learning and preparation for the 21st century through enhanced experiences using technology in their everyday classroom experience.

### **Technology Vision Statement for the Next Three Years**

Our students will use technology to access, retrieve, and use information from school, community, national and international resources. Students will engage in blended learning as an integral tool to enhance their academic and nonacademic development. Students and staff will utilize digital resources as a means to scaffold learning for all students. A technology leadership team will stay informed about model programs and initiatives as it relates to a technology-infused curriculum. Technology and digital resources will play a significant role in ensuring that the curriculum, instruction and

assessment practices will provide our students with rich, relevant, and authentic 21st century learning experiences.

## **District Infrastructure**

**NJTRAx Technology Readiness** (Updated within the 2015-16 school year)

**Date: 11/20/15**

**Rating: 9**

During the 2014-15 school year the existing technological infrastructure was updated from a 1GB Private Ethernet network with 100MB Dedicated Internet to 500MB dedicated Internet out to each school in order to provide a scalable, robust infrastructure that meets current connectivity goals set forth by SEDTA.

Beginning with the 2016-17 school year, the South Plainfield School District will provide a 1:1 Chromebook environment for students in grades 2-11 in order to ensure enough devices for Link-it benchmark assessments as well as the PARCC assessment. Devices will remain in school in carts which will afford access to all K-12 students in the district for digital learning during the school day. Staff members are provided with a Dell laptop and all instructional classrooms are provided with a projector and access to a printer. iPad carts are available in each school for teachers to sign out on an as needed basis. As of 2015-16 all instructional classrooms have been outfitted with a wireless access point to ensure more than adequate Internet access. Computer labs are available for classroom instruction as well as research in all buildings. We are currently in the process of replacing aging Dell desktops with thin clients in the labs as well as the libraries.

Students in grades 2-12 are assigned a Google account that can be accessed at school, home or the public library. This enables learning to continue beyond the school day. Through Google Classroom students are able to connect with their teacher and classmates outside of the classroom. Students in grades 9-12 also have Gmail accounts associated with their Google account.

In addition to our firewall, Veritas antivirus software and Lightspeed Systems Collaborative Filter are in place to protect against potential hacks and viruses as well as protect our students on the Internet as required by CIPA.

The technology infrastructure is evaluated annually and maintained/upgraded as needed in order to support the current learning environment.

# Teaching and Learning Within the District

**Future Ready District Level Summary** (Generated within the 2015-16 school year)

**Date:** 6/14/16

**Rating:** 3.9

## ***Reflection & Adjustment:***

The district participated in both the Future Ready Survey as well as the NJTRAx Digital Learning Surveys during the month of June 2016. A leadership team participated in the Future Ready Survey while parents, students in grades 5-12, staff, and administrators participated in the NJTRAx Digital Learning Surveys.

The Future Ready Survey shows that although we are in the “Staging Phase” for our infrastructure with a score of 8.0, there are several other areas that need further planning and consideration. District principals and supervisors will work with the new superintendent, new assistant superintendent and new interim business administrator to develop strategies to address the gaps listed in the Digital Learning Readiness Report.

In terms of the NJTRAx Digital Learning Surveys, all schools fell within Quadrant 2 (Q2-Ready and Implementing) in the areas of Curriculum, Instruction, and Assessment as well as Data and Privacy. Kennedy School did fall into Q1 for Community Partnerships and Technology, Networks, and Hardware and Q4 for Use of Time. Both Grant and the High School were also in Q4 for Use of Time. All other schools fell in Q2 or on the cusp for all other areas. The NJTRAx survey results guidance document states that “the quadrant to aspire to is Q2 (Ready and Implementing). The quadrant to avoid is Q4 (Not Ready, but Implementing).” Survey results suggest that on the whole, the district continues to make progress toward digital learning implementation. By working in PLCs and on Professional Development days, teachers and administrators will work together to develop strategies to move to “Ready and Implementing” in all areas.

In terms of technology readiness as a district, the highest rated area was “Technology, Networks and Hardware” (6.1). This was to be expected since much effort was put into preparing the infrastructure and devices to ensure access to digital learning for all during the school day in advance of the PARCC assessment. The lowest overall rating was “Use of Time” (4.2). Since we still are bound by Carnegie Units, personalized, project-based, student-centric learning can be a challenge. However, by developing strategies for providing extra time for projects and collaboration and reevaluating school

schedules, we can overcome these challenges. Currently, both our Middle School and High School principals are looking at other districts for ideas to improve scheduling.

With the start of the new school year, we now have a permanent administration in place for the first time in several years. The stability in administration should help to move us in the right direction in terms of digital learning for our students.

## **Transformational Budgeting**

In the past, the district has used a zero-based budgeting process which requires principals and departments to construct annual budget projections in late fall for the following year. Currently, we have an interim business administrator in place who comes with a great deal of experience. This should prove to be beneficial as we move into the budget process for the next school year.

Regarding the technology budget, the district Supervisor of Technology works closely with the principals and network manager to identify the technology needs of the district. The technology budget supports not only the network infrastructure, but also the teaching and learning devices for each school. Digital resources, however, come from each individual school budget. The Supervisor of Technology works with the schools to make sure that digital resources are consistent throughout the district.

Professional learning is an important priority for the district. Through the budget of the Assistant Superintendent and Title II Funds, administrators and staff are afforded the opportunity to attend conferences, workshops, and seminars. An in-district team of teachers (Google Tiger Trainers) receive training on current initiatives and turnkey to their staff. Professional learning is also provided by trainers at Link-it, our data warehouse provider, in the area of data analysis.

## II. School Level School Infrastructure

NJTRAx Technology Readiness System (Updated within the 2015-16 school year)

Date	School	Rating
11/20/15	High School	9
11/20/15	Middle School	9
11/20/15	Grant School	9
11/20/15	Franklin School	9
11/20/15	Riley School	9
11/20/15	Kennedy School	9
11/20/15	Roosevelt School	9

### ***Reflection & Adjustment:***

All schools scored a 9 on a scale of 0-9 for recommended PARCC specifications for readiness for performance-based assessment (30-day window) in the areas of Technology, Network, and Device Readiness. During the spring of 2016, all schools successfully conducted the PARCC assessment. The network and devices supported the administration of the test and the students were well prepared due to the diligence of the staff in preparation for testing and a successful infrastructure trial in each school prior to the administration of the PARCC. For the 2016-17 school year, there will be enough devices for each student to test without having to share across buildings. Each subsequent year, we will maintain a sufficient budget to support the maintenance and upgrade of equipment and devices to support digital learning in all our schools.

# Teaching and Learning

## NJTRAx Digital Learning Surveys Summary Report (Generated for each school)

School	Overall Digital Readiness	Overall Digital Implementation
High School	5.5	5.5
Middle School	5.5	5.4
Grant School	5.4	5.5
Riley School	5.6	5.3
Roosevelt School	5.7	5.7
Franklin School	5.5	5.0
Kennedy School	5.3	4.9

### ***Reflection & Adjustment:***

The district schools listed above will be the focus for digital learning transformation over the next three years. Over the past few years, differentiated instruction has been a major focus. Learning to meet the needs of diverse learners continually comes up as an area of concentration for our teachers in our professional learning needs assessment. Another major focus has been using data to support learning. As of 2015-16 all schools are administering the benchmark assessments that are available in our data warehouse, Link-it. Ongoing professional learning is provided to staff and administrators by Link-it representatives with additional support from our Director of Assessment and Supervisor of Technology. Another area identified in our professional learning needs assessment is the desire to develop digital-age learning experiences and assessments. The district has begun to look at both the TPACK and SAMR Models to more effectively integrate technology into daily instruction. An asynchronous online course was offered by the Supervisor of Technology on technology integration with a focus on those two models. Teachers took this course in lieu of attending the Flex PD Day on the last day of school. In addition, the Supervisor of Technology has been working with technology teachers on both TPACK and SAMR so that they will eventually be able to turnkey to their staff. The above learning models have also been tied to the School and District Professional Development Plans for the 2016-17 school year. The TPACK and SAMR models are also included into our New Teacher Orientation which is held prior to the start of each new year so that our new teachers come into the district with a basic understanding of what digital learning should look like in the classroom. We have developed two digital learning action plans: one for our elementary schools and one for our middle and high schools to help accomplish these goals.

## South Plainfield Grades K-6 Action Plan 2016-2019

NJTRAx PARCC Technology Readiness Rating: 9

NJTRAx Digital Learning Rating:

K-4:

Franklin: 5.5

Kennedy: 5.3

Riley: 5.6

Roosevelt: 5.7

5-6:

Grant: 5.4

**Goal #1**

All K-4 teachers will be able analyze data in order to plan instruction by June of 2019

**Strategies:**

Provide ongoing professional learning for all staff through the Link-it representatives

Provide ongoing support from the district content supervisors in the development of formative assessments

Review New Jersey Student Learning Standards to make sure that assessments are aligned to the standards

**Objectives:**

To provide administrators with the skills and knowledge needed for data analysis of formative and benchmark assessment.

To provide instructional staff with the skills and knowledge needed for data analysis of formative and benchmark assessments.

To provide students with the access needed to be proficient in using digital devices for online assessments.

**Evaluation:**

Administrators and staff use data regularly to drive instruction

Students are comfortable with accessing assessments on digital devices

IXL Data

Benchmark Assessment Data

PARCC Data

PLC Meeting notes

Projects/Activities	Person(s) Responsible	Timeline	Resources	Budget
Build student comfort level in using technology through the regular administration of online assessments	Principals/Vice Principals  Director of Assessment  Supervisor of Technology  Teachers	2016-17 and beyond  Three administrations of Linkit benchmarks- September, January, and June	<a href="#">Link-it</a> (data warehouse)  PLC meetings  Review of IXL Data (Math and ELA program for students in grades 2-8 and Math/ELA HS Labs)  IXL Webinars on use of IXL data and best practices  PARCC and local data	Local budget
Professional learning for teachers and administrators in the use of Link-it to analyze data	Link-it Reps  Principals/Vice Principals  Director of Assessment  Supervisor of Technology	2016-17 and beyond	<a href="#">Link-it</a> (data warehouse)  Training sessions with Chad Marcus and Zach Zao from Link-it concerning Navigator reports  Administrator and teacher attendance at Link-it Summer Institute and Regional Training  Review PARCC and local assessment data in PLC meetings	Local budget  Title II Funds

## South Plainfield Grades K-6 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**K-4:**

**Franklin: 5.5**

**Kennedy: 5.3**

**Riley: 5.6**

**Roosevelt: 5.7**

**5-6:**

**Grant: 5.4**

**Goal #2** By June of 2019 all teachers in grades 5 & 6 will work with students to analyze data in order determine needs and modify instruction to personalize student learning.

**Strategies:**

Provide ongoing professional learning for all staff through the Link-it representatives

Provide ongoing support from the district content supervisors in the development of formative assessments

Review New Jersey Student Learning Standards to make sure that assessments are aligned to the standards

**Objectives**

To provide administrators with the skills and knowledge needed for data analysis of formative and benchmark assessment.

To provide instructional staff with the skills and knowledge needed for data analysis of formative and benchmark assessments.

To provide students with the access needed to be proficient in using digital devices for online assessments.

**Evaluation**

Administrators and staff use data regularly to drive instruction

Students are comfortable with accessing assessments on digital devices

Students and teachers share a common language concerning analysis of assessment data

Projects/Activities	Person Responsible	Timeline	Resources	Budget
<p>Share data with students and work with them to understand/analyze the results of online assessments in order for them to provide input on rubrics for learning.</p>	<p>Principals/Vice Principals</p> <p>Director of Assessment</p> <p>Supervisor of Technology</p> <p>Content-Area Supervisors</p> <p>Teachers</p>	<p>Ongoing</p> <p>Three administrations of Linkit Benchmark Assessments- September, January, and June</p>	<p><a href="#">Link-it</a> (data warehouse)</p> <p>PLC meetings</p> <p>Review of IXL Data (Math and ELA program for students in grades 2-8 and Math/ELA HS Labs</p> <p>IXL Webinars on use of IXL data and best practices</p> <p>PARCC and local data</p>	<p>Local Budget</p>

<p>Professional learning for teachers and administrators in the use of Link-it to analyze data</p>	<p>Link-it Reps Principals/Vice Principals Director of Assessment Content Area Supervisors Supervisor of Technology</p>	<p>2016-17 and beyond</p>	<p><a href="#">Link-it</a> (data warehouse)  Training sessions with Chad Marcus and Zach Zao from Link-it concerning Navigator reports  Administrator and teacher attendance at Link-it Summer Institute and Regional Training  Review PARCC and local assessment data in PLC meetings</p>	<p>Local Budget Title II Funds</p>
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## South Plainfield Grades K-6 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**K-4:**

**Franklin: 5.5**

**Kennedy: 5.3**

**Riley: 5.6**

**Roosevelt: 5.7**

**5-6:**

**Grant: 5.4**

**Goal #3:** By June of 2019, all K-4 students will engage in age-appropriate collaborative digital writing projects.

**Strategies:**

Have staff work in collaborative teams that include classroom teachers, computer teachers, and librarians to create age-appropriate inquiry-based projects

Create professional learning experiences that are embedded within the day to promote teacher vision for digital learning.

**Objectives:**

Teachers will increase the number of digital media projects integrated into student learning each year.

Create a common understanding and language about technology

Emphasize the explicit teaching of skills and the appropriate, responsible use of technology that supports collaboration, learning, and productivity

**Evaluation:**

Observations

Evaluations

Walkthroughs

Conference attendance

Completed digital media projects

PD records indicating PLC work, collegial visits, faculty meetings

NJTRAX Digital Learning Survey Reports

Projects/Activities	Person Responsible	Timeline	Resources	Budget
Educate staff on effect use of technology (SAMR and TPACK)	Principals/Vice Principals  Technology Teachers  Supervisor of Technology	2016-17 and beyond	<a href="#">Introduction to the SAMR Model</a>  <a href="#">SAMR and Bloom's Taxonomy</a>  <a href="#">TPACK</a>  Collegial visits  PLCs  PD sessions	Local Budget  Title II Funds
Gather resources such as videos, tutorials, screencasts on technology skills for staff	Supervisor of Technology  Technology teachers  Librarians	2016-17 and beyond	Google sites  Screencastify	Local Budget
Develop age-appropriate resources for digital citizenship	Technology Teacher Librarian	2016-17 and beyond	<a href="#">Commonsense Media</a>  <a href="#">Digital Citizenship: Resource Roundup</a>	Local Budget

<p>Use Google Apps for Education to create asynchronous/synchronous opportunities for collaboration and sharing of materials</p>	<p>Supervisor of Technology</p> <p>Principals/Vice Principals</p> <p>Content-Area Supervisors</p> <p>Technology Teachers</p>	<p>2016-17 and beyond</p>	<p>Google Drive</p> <p>Google Hangouts</p>	<p>Local Budget</p>
<p>Identify and implement strategies to provide instruction for diverse learners</p>	<p>Principals/Vice Principals</p> <p>Teachers</p> <p>Content Area Supervisors</p> <p>Supervisor of Special Services</p>	<p>2016-17 and beyond</p>	<p><a href="#">Enhancing Learning Through Differentiated Instruction</a></p> <p><a href="#">Using Technology to Differentiate Instruction</a></p> <p><a href="#">Inclusion in the 21st century Classroom</a></p> <p><a href="#">Read 180</a></p> <p><a href="#">Math 180</a></p>	<p>Local Budget</p> <p>Title I Funds</p>

Model and use appropriate grade level discussion and questioning techniques	Teachers	2016-17 and beyond	Danielson Framework <a href="#">New Classroom Questioning Techniques for the Best Year Ever</a> <a href="#">Questioning Techniques - Research-based Strategies for Teachers</a>	
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## South Plainfield Grades K-6 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**Franklin: 5.5**

**Kennedy: 5.3**

**Riley: 5.6**

**Roosevelt: 5.7**

**Grant: 5.4**

**Goal #4:** By June of 2019 all 5<sup>th</sup> and 6<sup>th</sup> grade students will employ critical thinking skills to plan, communicate, and conduct research, manage projects, solve problems and make connections using appropriate digital resources.

**Strategies:**

Staff will work in collaborative teams that include classroom teachers, computer teachers and librarians to create PARCC-like research tasks based on standards across the curriculum.

Create professional learning experiences that are embedded within the day to promote teacher vision for digital learning.

**Objectives:**

Create a common understanding and language about technology

Identify and implement flexible scheduling models that allow for collaborative planning among teachers and across disciplines.

**Evaluation:**

Students create projects that require authentic research and discovery.

Student-centered learning environment

PD records

PLC meeting notes

Conferences, workshops

Lesson Plans, observations, walkthroughs

NJTRAX Digital Learning Survey Reports

Projects/Activities	Person Responsible	Timeline	Resources	Budget
Educate staff on effective use of technology (SAMR and TPACK)	Principals/Vice Principals  Technology Teachers  Supervisor of Technology	2016-17 and beyond	<a href="#">Introduction to the SAMR Model</a>  <a href="#">SAMR and Bloom's Taxonomy</a>  <a href="#">TPACK</a>  Collegial visits  PLCs  PD sessions	Local  Title II
Develop a toolkit of grade level strategies to help students be resourceful when solving problems using technology	Technology teachers  Librarians  Teachers	2016-17 and beyond	<a href="#">Elementary stem lesson using 1:1 devices and google</a>  <a href="#">P21 Common Core Toolkit</a>	Local

Gather resources such as videos, tutorials, screencasts on technology skills for students and staff	Supervisor of Technology Technology teachers Librarians	2016-17 and beyond	Google sites Screencastify Google Classroom	Local
Develop resources for digital citizenship and research skills that provide a common language for all	Technology Teacher Librarian	2016-17 and beyond	<a href="#">Commonsense Media</a> <a href="#">Digital Citizenship: Resource Roundup</a>	Local
Use Google Apps for Education to create asynchronous/synchronous opportunities for collaboration and sharing of materials	Supervisor of Technology Principals/Vice Principals Content-Area Supervisors Teachers	2016-17 and beyond	Google Drive Google Hangouts	Local

<p>Identify and implement strategies to provide instruction for diverse learners</p>	<p>Principals/Vice Principals</p> <p>Teachers</p> <p>Content-Area Supervisors</p> <p>Supervisor of Special Services</p>	<p>2016-17 and beyond</p>	<p><a href="#"><u>Enhancing Learning Through Differentiated Instruction</u></a></p> <p><a href="#"><u>Using Technology to Differentiate Instruction</u></a></p> <p><a href="#"><u>Inclusion in the 21st century Classroom</u></a></p>	<p>Local Title I</p>
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Model and use appropriate grade level discussion and questioning techniques	Teachers	2016-17 and beyond	Danielson Framework <a href="#">New Classroom Questioning Techniques for the Best Year Ever</a>  <a href="#">Questioning Techniques - Research-based Strategies for Teachers</a>	N/A
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## South Plainfield Grades K-6 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**Franklin: 5.5**

**Kennedy: 5.3**

**Riley: 5.6**

**Roosevelt: 5.7**

**Grant: 5.4**

**Goal #5:** By June of 2019 all K-6th grade students will have access to information both in and out of school.

**Strategies:**

Regular review/reports of broadband usage and network equipment (servers, switches, access points)

Discussion with vendors as well as neighboring districts as to recommendations for the most appropriate devices for students in terms of form factor as well as pricing.

Investigate Internet Essentials through Comcast to provide Internet Access and a computer to those families who qualify for free and reduced lunch

Reach out to the director of the public library to discuss increasing the use of the library by students.

**Objectives:**

To increase the network capacity as per SEDTA recommendations

To repair/replace Chromebooks as needed to maintain a sufficient number of devices for instruction during the day

To work with the Director of the Public Library to promote the use of technology available at the Public Library

To provide all families with information about Comcast Internet Essentials so that affordable Internet and computers can be obtain by families who qualify for free and reduced lunch.

**Evaluation:**

Purchase orders/notes from vendors for broadband, maintenance contracts, network equipment, and phone system

Purchase orders/notes from vendor for Chrome devices

Meeting notes from director of library

Increase in the number of library cards for students

Evidence from Google Classroom that all students have the ability to access assignments from outside of school

Projects/Activities	Person Responsible	Timeline	Resources	Budget
Work with the principals and technology committee to keep all informed as to district network needs	Supervisor of Technology	2016-17	<a href="#">SETDA</a> Network reports MC Technology Council NJ School Technology Coordinators	Local
Investigate joining the Broadband Consortia Project (DRLAP) at the conclusion of the Fibertech contract	Supervisor of Technology	2017-18		Local
Budget presentation to the BOE for the purchase of technology for the 2017-18 school year	Supervisor of Technology	2016-17	Vendors Network Reports Technology Request Tickets MC Technology Council NJ School Technology Coordinators	Local
Work with the Accounting Department and schools to distribute information about Comcast Internet Essentials to all families in the district	Accounting Supervisor of Technology Principals	2016-17	<a href="#">Internet Essentials from Comcast</a>	Local

<p>Meet with the library director to plan activities to increase usage of library by students beginning with library card applications available for parents at Back-to-School Nights, conferences, etc.</p>	<p>Library Director Supervisor of Technology Principals</p>	<p>2016-17 and beyond</p>	<p>South Plainfield Public Library</p>	
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## South Plainfield Grades 7-12 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**South Plainfield Middle School: 5.5**

**South Plainfield High School: 5.5**

**Goal #1:** By June of 2019 all teachers in grades 7-12 will work with students to analyze data in order determine needs and modify instruction to personalize student learning.

**Strategies:**

Provide ongoing professional learning for all staff through the Link-it representatives

Provide ongoing support from the district content supervisors in the development of formative assessments

Review New Jersey Student Learning Standards to make sure that assessments are aligned to the standards

**Objectives:**

To provide administrators with the skills and knowledge needed for data analysis of formative and benchmark assessment.

To provide instructional staff with the skills and knowledge needed for data analysis of formative and benchmark assessments.

To provide students with the access needed to be proficient in using digital devices for online assessments.

**Evaluation:**

Administrators and staff use data regularly to drive instruction

Students are comfortable with accessing assessments on digital devices

Students and teachers share a common language concerning analysis of assessment data

Projects/Activities	Person Responsible	Timeline	Resources	Budget
<p>Share data with students and work with them to understand/analyze the results of online assessments in order for them to provide input on rubrics for learning.</p>	<p>Principals/Vice Principals            Director of Assessment            Supervisor of Technology            Content-Area Supervisors            Teachers</p>	<p>Ongoing              Three administrations of Linkit Benchmark Assessments- September, January, and June              Spring PARCC</p>	<p><a href="#">Link-it</a> (data warehouse)              PLC meetings              Review of IXL Data (Math and ELA program for students in grades 2-8 and Math/ELA HS Labs)              IXL Webinars on use of IXL data and best practices              PARCC and local data</p>	<p>Local Budget</p>

<p>Professional learning for teachers and administrators in the use of Link-it to analyze data</p>	<p>Link-it Reps Principals/Vice Principals Director of Assessment Content Area Supervisors Supervisor of Technology Turnkey professional development from BSI instructors.</p>	<p>2016-17 and beyond</p>	<p><a href="#">Link-it</a> (data warehouse)  Training sessions with Chad Marcus and Zach Zao from Link-it concerning Navigator reports  Administrator and teacher attendance at Link-it Summer Institute and Regional Training  Review PARCC and local assessment data in PLC meetings</p>	<p>Local Budget Title II Funds</p>
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## South Plainfield Grades 7-12 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**South Plainfield Middle School: 5.5**

**South Plainfield High School: 5.5**

**Goal #2:**

All 7-12 teaching staff will improve instructional strategies through the use of vertical articulation

**Strategies:**

Provide assigned meeting times scheduled for the third Wednesday of the month and look for other opportunities to meet.

Review Google Apps for Education tools to allow for remote collaboration.

Provide ongoing support from the district content supervisors in the development of vertical alignment goals and objects as they relate to all standards of instruction.

**Objectives**

To provide the administration with the skills and knowledge needed for data analysis as it relates to vertical planning.

To provide staff with the skills and knowledge needed for data analysis as it relates to vertical planning.

To provide staff with the access needed to be proficient in using digital devices for online collaboration.

**Evaluation**

Administrators and staff use data regularly to drive instruction

Teachers are comfortable with accessing digital tools for collaboration

IXL Data (Math and ELA program for students in grades 2-8 and Math/ELA HS Labs)

Benchmark Assessment Data

Subject specific assessments

PARCC Data

NJSLS

Projects/Activities	Person Responsible	Timeline	Resources	Budget
Build staff comfort level in using technology through the use of Google Apps for Education	Principals/Vice Principals  Supervisor of Technology  District Supervisors  Teachers	2016-17 and beyond	Google Apps for Education	Local budget

<p>Plan for professional meeting times among grade levels and disciplines throughout the year</p>	<p>Principal, Vice Principal</p> <p>Content Area Supervisors</p> <p>Teachers</p>	<p>2016-17 and beyond</p>	<p>Scheduling adjustments to be able to collaborate between schools</p>	<p>Local</p>
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## South Plainfield Grades 7-12 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**South Plainfield Middle School: 5.5**

**South Plainfield High School: 5.5**

**Goal #3:** By June of 2019 all 7th to 12th grade students will employ critical thinking skills to plan, communicate, and conduct research, manage projects, solve problems and make connections using appropriate digital resources.

**Strategies:**

Staff will work in collaborative teams to create PARCC-like research tasks based on standards across the curriculum.

Create professional learning experiences that are embedded within the day to promote teacher vision for digital learning.

**Objectives:**

Create a common understanding and language about technology

Identify and implement flexible scheduling models that allow for collaborative planning among teachers and across disciplines. Utilization of after school meeting time.

**Evaluation:**

Students create projects that require authentic research and discovery.

Student-centered learning environment

PD records

PLC meeting notes

Conferences, workshops

Lesson Plans, observations, walkthroughs

NJTRAX Digital Learning Survey Reports

Projects/Activities	Person Responsible	Timeline	Resources	Budget
Educate staff on effective use of technology (SAMR and TPACK)	Principals/Vice Principals Technology Teachers Supervisor of Technology	2016-17	<a href="#">Introduction to the SAMR Model</a> <a href="#">SAMR and Bloom's Taxonomy</a>  <a href="#">TPACK</a>  Collegial visits  PLCs  PD sessions	Local  Title II
Gather resources such as videos, tutorials, screencasts on technology skills for students and staff	Supervisor of Technology  Librarians  Technology Teachers	2016-17	Google sites  Screencastify  Google Classroom	Local
Develop resources for digital citizenship and research skills that provide a common language for all	Supervisor of Technology  Librarians	2016-17	<a href="#">Commonsense Media</a>  <a href="#">Digital Citizenship: Resource Roundup</a>	Local
Use Google Apps for Education to create asynchronous/synchronous opportunities for collaboration and sharing of materials	Supervisor of Technology  Principals/Vice Principals  Content-Area Supervisors  Teachers	2016-17 and beyond	Google Drive  Google Hangouts	Local

<p>Identify and implement strategies to provide instruction for diverse learners</p>	<p>Principals/Vice Principals Teachers Content-Area Supervisors Supervisor of Special Services</p>	<p>ongoing</p>	<p><a href="#">Enhancing Learning Through Differentiated Instruction</a>  <a href="#">Using Technology to Differentiate Instruction</a>  <a href="#">Inclusion in the 21st century Classroom</a></p>	<p>Local Title 1</p>
<p>Model and use appropriate grade level discussion and questioning techniques</p>	<p>Teachers</p>	<p>2016-17 and beyond</p>	<p>Danielson Framework  <a href="#">New Classroom Questioning Techniques for the Best Year Ever</a>  <a href="#">Questioning Techniques - Research-based Strategies for Teachers</a></p>	

## South Plainfield Grades 7-12 Action Plan 2016-2019

**NJTRAx PARCC Technology Readiness Rating: 9**

**NJTRAx Digital Learning Rating:**

**South Plainfield Middle School: 5.5**

**South Plainfield High School: 5.5**

**Goal #4:** By June of 2019 all 7-12th grade students will have access to information both in and out of school.

**Strategies:**

Regular review/reports of broadband usage and network equipment (servers, switches, access points)

Discussion with vendors as well as neighboring districts as to recommendations for the most appropriate devices for students in terms of form factor as well as pricing.

Investigate Internet Essentials through Comcast to provide Internet Access and a computer to those families who qualify for free and reduced lunch

Reach out to the director of the public library to discuss increasing the use of the library by students.

**Objectives:**

To increase the network capacity as per SEDTA recommendations

To repair/replace Chromebooks as needed to maintain a sufficient number of devices for instruction during the day

To work with the Director of the Public Library to promote the use of technology available at the Public Library

To provide all families with information about Comcast Internet Essentials so that affordable Internet and computers can be obtain by families who qualify for free and reduced lunch.

**Evaluation:**

Purchase orders/notes from vendors for broadband, maintenance contracts, network equipment, and phone system

Purchase orders/notes from vendor for Chrome devices

Meeting notes from director of library

Increase in the number of library cards for students

Evidence from Google Classroom that all students have the ability to access assignments from outside of school

<b>Projects/Activities</b>	<b>Person Responsible</b>	<b>Timeline</b>	<b>Resources</b>	<b>Budget</b>
Work with the principals and technology committee to keep all informed as to district network needs	Supervisor of Technology	2016-17	<a href="#">SETDA</a>  Network reports  MC Technology Council  NJ School Technology Coordinators	Local
Investigate joining the Broadband Consortia Project (DRLAP) at the conclusion of the Fibertech contract	Supervisor of Technology	2017-18		Local
Budget presentation to the BOE for the purchase of technology for the 2017-18 school year	Supervisor of Technology	2016-17	Vendors  Network Reports  Technology Request Tickets MC Technology Council  NJ School Technology Coordinators Group	Local
Work with the Accounting Department and schools to distribute information about Comcast Internet Essentials to all families in the district	Accounting Dept  Supervisor of Technology  Principals	2016-17	<a href="#">Internet Essentials from Comcast</a>	N/A

<p>Meet with the library director to plan activities to increase usage of library by students beginning with library card applications available for parents at Back-to-School Nights, conferences, etc.</p>	<p>Public Library Director</p> <p>Supervisor of Technology</p> <p>Principals</p>	<p>2016-17 and beyond</p>	<p>South Plainfield Public Library</p>	<p>N/A</p>
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