

TECHNOLOGY PLAN

for Digital Learning

HOPE TOWNSHIP SCHOOL DISTRICT

2016-2019

Superintendent

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Technology Plan components CHECKLIST

<p>School /Charter School/Renaissance School (Hope Township School):</p> <p>NJTRAx PARCC Technology Readiness Rating: 9</p> <p>NJTRAx Digital Learning Readiness Rating: Report not generated as there were not enough respondents. Will complete in September.</p>			
<ul style="list-style-type: none"> • If the Future Ready District Level summary report was generated within the 2015-2016 school year, include a copy of the district report with the Plan submission • If the NJTRAx Digital Learning Surveys summary report was generated, include a copy for all identified schools 			
STEP		YES	NO
1.	District vision included.		
2.	NJTRAx technology readiness system for the district and for each school was updated.		
3.	NJTRAx DL surveys for each school were completed. GO TO STEP 5		
4.	School-based Goals, Strategies, Objectives and Indicators are included for each identified school.		
5.	Reflection and adjustment plan is included.		
6.	School-based plan for infusion of technology within instruction is clearly understood.		
7.	School-based Reflection & Adjustment is included for each identified school.		
8.	School-based budget is included to support activities in Action Plan.		

Technology Plan for Digital Learning
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.

Stakeholder Name	Stakeholder Title	Stakeholder Signature
Michael Slattery	District Superintendent	
Mrs. Stacey Brown	Principal, School Name	
Mrs. Kathy Siino	Teacher	
Mrs. Jessica Luke	Teacher	
Ms. Susan Martino	Technology Coordinator	
	School Board Member	
	Community Member	
	Parent	

District Vision for Digital Learning

Preparing students that are work force ready and able to succeed in a digital world is of primary importance at Hope Township School. Our school mission statement reads, *“Recognizing that Hope Township School, in cooperation with our community, values the importance of a supportive, challenging education for all students delivered through an effective, contemporary curriculum ...”*

To ensure that Hope students receive a supportive and challenging education, members of the Hope school community recognize the importance of embracing the digital tools which will facilitate learning and allow our students to acquire the skills and competencies needed to succeed in an ever-changing, digital world. Adapting instructional methods in our classrooms in order to meet the needs of all Hope learners is also of primary importance if we wish to engage our students today and prepare them to succeed in the future.

NJTRAx Technology System

NJTRAx Technology System: Last update: July, 2016 Score: 9

Classrooms and Learning Models

Total classrooms: 18 (includes specials)

Learning models used include the following:

- Blended learning
- 1:1
- Personal learning environments

Goals, Strategies, Objectives Indicators and Activities (A-C)

Goal 1: Teachers of grades 6-8 will increase opportunities for formative assessment using web tools.

Strategy: Online formative assessments engage students and allow teachers to check for understanding and help guide instruction.

Indicator(s): Differentiated lesson planning
Students use technology to enhance their learning.

Objective: Increase the use of web based assessment tools such as KahootIt!

Objective: Infrastructure is in place to support teachers' and students' academic needs.

Objective: A BYOD policy has been adopted

Goal 1

Projects/Activities	Person responsible for completion and/or approval	Timeline	Resources
Develop a district policy to support and encourage BYOD.	CSA Principal Business Administrator Technology coordinator/media specialist Stakeholders (BOE members, parents, teachers, students) Reviewed and approved by: BOE	September- November, 2016	BYOD policy in place
Set up and configure a password protected guest network which will allow a BYOD policy within the school. Upgrade switches throughout building to accommodate traffic. Increase IP range to accommodate additional devices.	EMC2, Inc. Technology Coordinator Reviewed/Approved by: CSA, Principal, technology coordinator	November, 2016 – January, 2017	
Upgrade bandwidth to accommodate additional devices utilizing Internet resources.	Technology Coordinator Approval: CSA	Fall 2016	Pentete-Data
Teach, model, and support the use of personally owned devices in learning.	Instructional staff Reviewed/approved: Director of Curriculum	Begin Jan. 2017, then ongoing	Personal devices such as phones, laptops, lpads

Goal 2: All teachers will develop integrated, cross-curricular instruction between multiple subjects.

Strategies: Students will have access to technology resources

Indicator(s): Student created technology infused projects across content areas
 Rubrics

Objective: Students will be able to use the knowledge learned in one subject to enhance learning in other subject areas.

Objective: Students begin to see knowledge as interdependent and connected.

Objective: Students develop higher level critical thinking and collaborative skills.

Goal 2

Projects/Activities	Person responsible for completion and/or approval	Timeline	Resources
Implement a team meeting agenda.	Instructional staff Principal Approval: Principal/Director of Curriculum	Ongoing	
Design cross-curricular lesson plans using online mapping tools.	Instructional staff	Beginning fall 2016 - ongoing	Oncourse Systems
Provide instruction on the use of Google Apps	Technology teacher Approval: Principal/Director of Curriculum	Beginning September, 2016 - ongoing	Technology lab Chromebooks
Provide on-going, curriculum and instructional technology on-site support to teachers.	Director of Curriculum Technology Coordinator Approval: Principal/Director of Curriculum	Beginning September, 2016 - ongoing	

Goal 3: All students in grades 6-8 will demonstrate proficiency in using Google Apps to support learning in all content areas by June 2017.

Strategies: Provide technical resources

Strategies: Provide professional development to staff

Strategies: Provide instructional support to students

Strategies: Provide ongoing technical support

Indicators: Student use Google Apps to increase their learning including increased collaboration between teachers and peers.

Objective: Grade 6-8 teachers will increase the number of instructional lessons that demonstrate infusion of Google Apps throughout the school year.

Goal 3

Projects/Activities	Person responsible for completion and/or approval	Timeline	Resources
Create personalized account logins for Google Apps for students.	Technology coordinator Approval: Principal/Director of Curriculum	August 2016	Google Apps for Education
Students will have access to technology tools which will allow collaboration between teachers and peers. Purchase mobile cart of 24 Lenovo Chromebooks for grades 3-5 cluster (2017)	Technology coordinator Instructional staff Approval: Technology Coordinator/CSA/Principal/Director of Curriculum		Chromebooks Laptops Personal devices
Training in Google Classroom provided to instructional staff. Ongoing support as needed.	Technology coordinator In-house professional development workshop		Technology lab Classroom laptops and PCs
Instruction provided to all students grades 6-8 during technology class. Ongoing support as needed.	Technology teacher		Technology lab Chromebooks

Reflect and Adjust (D)

The Technology Coordinator and Stakeholders will continue to evaluate the process and accountability measures that monitor progress and mid-course corrections that are used to regularly evaluate the extent to which goals, objectives, activities, resources, and services are effective in integrating technology into the curricula enabling students to meet academic standards and develop life-long learning skills. The evaluation process that monitors services which are effective in integrating technology into the classroom and instruction include:

- Professional Development Plans
- Annual Evaluations
- Faculty Meetings
- School and District Level Objectives
- Instructional Team Meetings
- Student portfolios

Adjustments

If the district determines it is not making progress toward objectives or strategies or a new development or opportunity arises, the district will need to revise this technology plan. The Technology Planning Committee members and Professional Development committee members will meet with the administration to determine which adjustments and/or revisions need to be made.

Budget (E)

Three-Year Educational Technology Plan Anticipated Funding Table (2016-19)					
ITEM	DESCRIPTION OF ITEM TO BE PURCHASED	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)
Print media needed to achieve goals	Media Subscriptions and supplies (Printer cartridges, projector replacement bulbs, back-up tapes, etc.) (\$5000)		General Operating Budget (state and local funds)		
Technology Equipment	24 Lenovo Chromebooks (\$7200.00) Mobile Cart (\$800.00) Upgrade existing server (Windows 2008) Upgrade switches throughout building Configure guest network in building (\$2000.00)				Small Rural School Achievement Grant
Network	Internet Service Provider (\$1670) Web Hosting (\$2000)		General Operating Budget (state and local funds)		
Filtering	Antivirus – Workstations and server (\$1700), Zyxel – USG 310 Support/yr. (\$1500)		General Operating Budget (state and local funds)		
Maintenance	Computer Server Maintenance (\$2000); Maintenance contract for Library data-base (\$450)		General Operating Budget (state and local funds)		
Other services	OnCourse Student Information System (\$5500) Curriculum Software Licenses, BrainPop, Scholastic Reads, BookFlix, (\$2,000)		General Operating Budget (state and local funds)		PTA Donations