

This plan for 2016-2018 was drafted by members of the Tiverton School Department's Technology Committee.

❖ *Revise district software and hardware upgrade plans by June 30, 2016*

District Wide				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Periodically assess infrastructure needs	Admin: 1b, 3d	Technology Department	Ongoing	
Develop an annual operating request budget to support the needs of the district	Admin: 1a, 1b, 1c, 2c, 3a, 4e, 5a	Technology Department	Spring 2016, ongoing	
Develop a three year capital budget projection to support the needs of the district	Admin: 1a, 1b, 1c, 2c, 3a, 4e, 5a	Technology Department	Spring 2016, ongoing	
Annually revise operating and capital request budgets	Admin: 1a, 1b, 1c, 2c, 3a, 4e, 5a	Technology Department	Spring 2016, ongoing	

GREEN – On track/Completed

YELLOW – In progress

ORANGE - Delayed

RED – Barriers to overcome

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❖ *Develop and implement a model for district-wide tech support*

District Wide				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Hire a second technology specialist to support faculty, staff, and students	Admin: 4c	IT Director	06/2016	Delayed
IIL's provide instructional technology support by modeling best practices and exploring new classroom technologies	Teacher: 1a, 1c, 1d, 2a, 2b, 2c, 2d, 3a, 3b, 3d, 4a, 4b, 4c, 5b, 5d	All 10 IILs Principals	Ongoing	
Establish relationships with higher education institutions to develop student internships	Admin: 4c, 4d	Central Administration, Principals	06/2017	
Establish a higher education internship program for compensation or class credit	Admin: 4c, 4d	Central Administration/ Technology Department	06/2017	
Create video library tutorials for self-help on district wide systems; tutorials will be posted in staff portal.	Admin: 3a, 3c,	Technology Department, Student Interns	06/2017	
Implement future ready school initiative	Admin: 1b, 3d	Technology Department	Ongoing	

Tiverton High School				
	ISTE Standards	Responsible Parties	Timeline	Status
Develop a student based technology help desk program. Staff help desk with 6-8 students Monday-Friday. Explore potential for students to earn course credit or community service.	Student: 1a, 1d, 2a, 2d, 3b, 4a, 4b, 4c, 4d	Chris Ashley Matt McGuire Robert Noguiera	Ongoing	
Provide additional technology training to department heads to assist department staff with issue such as clearing printers and saving files	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Technology Department		

Tiverton Middle School				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Provide additional technology training to department coordinators to assist department staff with issue such as clearing printers and saving files	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Technology Department	Ongoing	

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❖ *Increase the capacity and the skills of our students to use and understand technology*

District Wide				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Recommend changes to technology policies to reflect the changes in technology available to staff and students	Admin 5c	Central Admin Building Principals Technology Department	Ongoing	
Issue student Google Apps for Education Accounts Grades K-12	Teachers 1a, 1b, 1c, 1d, 2a, 2b, 2d Student: 2a, 2b, 2d, 3a, 3b	Tech Department	10/2016- 2/2017	
Issue student ASPEN accounts Grades 5-12	Admin 5c	Technology Department	10/2017	
Acquire student and staff devices as requested in capital budget	Admin 5c	Technology Department	Ongoing	
Plan and Lead additional PD via series of presentations at Faculty, CPT, and PD sessions (specific PD opportunities will be outlined through IIL action plan)	Teacher 3a, 3b, 3c, 3d, 3e	All 10 IILs Principals Amy Donnelly Roche	09/2016- 05/ 2017	
Provide clear and detailed input regarding the support, & resources needed for consistent use of blended learning at each school/grade span through participation at District Technology Committee meetings.	Teacher 3a, 3b, 3c, 3d, 3e	All 10 IILs	ongoing through 05/2017	
Draft clear expectations for how teachers are expected to address ISTE standards.	Teacher 3a, 3b, 3c, 3d, 3e	All 10 IILs	ongoing through 05/ 2017	
Explore Strategies for Computer Science instruction Grades K-12	Teacher 3a, 3b, 3c, 3d, 3e		ongoing through 05/2018	

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Tiverton High School				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Issue student Google Apps for Education Accounts	Teachers 1a, 1b, 1c, 1d, 2a, 2b, 2d Student: 2a, 2b, 2d, 3a, 3b	Tech Department	10/2016	
Issue student ASPEN accounts	Admin 5c	Tech Department	11/2016	
Support Distance Learning Courses by providing the appropriate equipment and software.	Teachers 1a, 1b, 1c, 1d, 2a, 2b, 2d Student: 2a, 2b, 2d, 3a, 3b	Judy Moore Lee Cusamano Amy Donnelly-Roche	Ongoing	
Support Advanced Course Network Programming by providing the appropriate equipment and software.	Admin 5c	Judy Moore Lee Cusamano Amy Donnelly-Roche	Ongoing	
Develop and implement a computer science strategy Grades 9-12	Teacher 3a, 3b, 3c, 3d, 3e	THS STEAMTEAM Chris Ashley	05/2017	
Tiverton Middle School				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Issue student Google Apps for Education Accounts	Teachers 1a, 1b, 1c, 1d, 2a, 2b, 2d Student: 2a, 2b, 2d, 3a, 3b	Tech Department	12/2016	
Issue student ASPEN accounts	Admin 5c	Tech Department	12/2016	

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Provide introductory trainings on the use of key tools and resources at grade level Common Planning Times at TMS.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Maria Clarey Mary Ann Dischert	03/2016-10/2016	
Provide follow-up support and be available to answer colleagues' questions.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Maria Clarey Mary Ann Dischert	05/2016-10/2016	
Create & model a total of at least six lessons which use blended learning and meet Next Generation Science standards/practices. Invite colleagues into class to observe these lessons. Model these lessons for colleagues and share videos & student work from these lessons at faculty meetings.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Maria Clarey Mary Ann Dischert	08/2016-03/ 2017	
Support science educators to include blended learning in each Next Generation Science unit.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Maria Clarey Mary Ann Dischert		
Develop and implement a computer science strategy Grades 5-8	Teacher 3a, 3b, 3c, 3d, 3e			

Elementary Schools				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Issue student Google Apps for Education Accounts: Grades K-4	Teachers 1a, 1b, 1c, 1d, 2a, 2b, 2d Student: 2a, 2b, 2d, 3a, 3b	Tech Department	02/2017	
Create & model a total of at least six intermediate elementary lessons which incorporate, promote, and model digital citizenship and responsibility. Incorporate CCSS Speaking and Listening standards and/or the Math Science practices. Invite colleagues into class to observe these lessons. Model these lessons for colleagues and share videos & student work from these lessons at faculty meetings.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Donna Larsen Andrea McCormick Denise Truver	ongoing, by 02/2017	
Create & model a total of at least six primary lessons which incorporate, promote, and address the diverse needs of all learners by using learner- centered strategies to personalize and differentiate instruction, and increase student engagement. Invite colleagues into class to observe these lessons. Model these lessons for colleagues	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Alane Deldeo Beth Kilborn Julie Simmons	ongoing, by 02/2017	

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RED – Barriers to overcome

and share videos & student work from these lessons at faculty meetings.				
Clarify for all the teachers specifically and simply what the expectations for their use of blended learning will be and what supports they will be given to implement the ISTE standards for both themselves and their students.	Teacher: 3a, 4a, 4c, 5a, 5b, 5c, 5d	Manny Cabral Deanne Reilly Suzette Wordell		
Develop and implement a computer science strategy Grades K-4	Teacher 3a, 3b, 3c, 3d, 3e			

District Wide				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Develop and implement online student registration	Admin: 3c	Central Admin Technology Department	12/2017	
Develop and implement online contacts and parent information updates	Admin: 3c	Technology Department	12/2017	Exploring
Implement integrated ID badges for staff and students (K-12: library, lunch program, attendance)		Technology Department	12/2016	
Develop new district website	Admin: 3c	Web Site Committee	Summer 2016	
Convert Special Education Database from TIENET to ASPEN	Admin: 3c	Technology Department	04/2018	Exploring
Implement Electronic Purchase Order System	Admin: 3c	Central Administration, Tech Department	05/2018	
Implement Ed. Plans/ 504's in ASPEN	Admin: 3c	Principals Guidance	02/2017	In Process

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Tiverton High School				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Implement electronic attendance system in main office for tardy students (ASPEN)	Admin: 3c Teacher 3b, 3c	Technology Principals		Researching
Implement electronic registration/ data management system for student athletics	Admin: 3c Teacher 3b, 3c	Technology Principals		
Implement teacher electronic teacher course recommendations (ASPEN)	Admin: 3c Teacher 3b, 3c	Technology Principals		Researching
Implement electronic student course selection (ASPEN)		Technology Guidance		
Develop new school website	Admin: 3c	Technology Web Committee	02/2017	
Develop new teacher class pages	Teacher 3b, 3c	Technology Web Committee	04/2017	
Implement Naviance: eTranscripts, College Recommendations, Community Service, Career Readiness	Admin: 3c	Guidance Technology Department	06/2017	
Tiverton Middle School				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Implement electronic registration/ data management system for student athletics	Admin: 3c Teacher 3b, 3c	Researching	02/2017	
Develop new school website	Admin: 3c	Technology Web Committee	04/2017	
Develop new teacher class pages	Teacher 3b, 3c	Technology Web Committee	06/2017	
Implement Naviance: Career Readiness	Admin: 3c	Guidance Technology Department		

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- ❖ Increase professional development offerings regarding technology based on best practices for tech integration in alignment with the International Society for Technology in Education (ISTE) standards for teachers.

Elementary Schools				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Develop new school websites	Admin: 3c	School	Ongoing	
Develop new teacher class pages	Teacher 3b, 3c			

District Wide				
ACTIONS	ISTE Standards	Responsible Parties	Timeline	Status
Develop an ongoing, regularly scheduled after school technology training program	Admin: 3c Teacher 3b, 3c	Technology Department	Ongoing	
Implement Professional Development opportunities as reviewed and approved by District PD Committee	Admin: 3c Teacher 3b, 3c	District PD Committee Technology Department	Ongoing	
Implement professional development program to support the new communication platform strategy	Admin: 3c Teacher 3b, 3c	Need More Information		
Provide PD for GAFE and Computer Science initiatives	Admin: 4c, 4d	Technology Department	Ongoing	
Review and implement action items from Communications Plan	Admin: 4c, 4d	Technology Department		

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