

Technology at Beecher Road School:

Empowering Continuous Personal Learning

Beecher Standards CT standards ISTE Standards

ISTE standards recently adopted as the CT Tech standards

- Innovative Designer
- Creative Communicator
- Knowledge Constructor
- Computational Thinker
- Digital Citizen
- Empowered Learner
- Global Collaborator

Tech Plan 2016-2019

- Professional Development
- Digital Workflow
- Storing and Presenting Student Work
- Home/School Connection
- Infrastructure and Hardware

Student Data Privacy

- Introduced in October of 2016 and modified in 2017 and 2018
- PA 16-189 significantly alters the way we can use online resources
- Requires the district and vendors to sign an agreement on how student data will be used and accessed

Where is the technology?

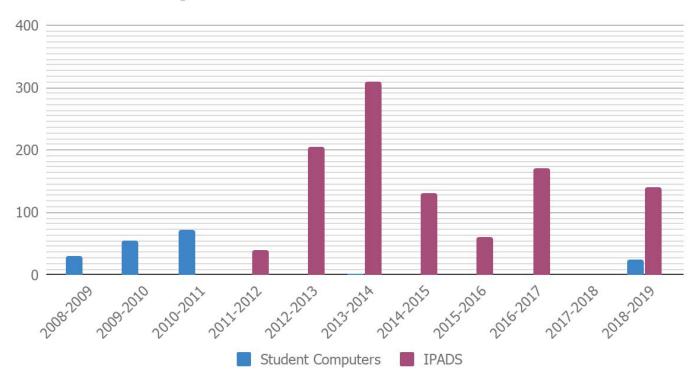
- Desktop computers
 - Teaching Spaces
 - Staff workspaces
- Mobile Devices
 - oiPads with students and teachers
 - Laptops for teachers
- Classrooms
 - SMART Boards and Doc Cams

Replacement Cycles

- Desktop computers
 - Before the adoption of 1-to-1
 - Since moving to 1-to-1
- Mobile Devices
 - Hardware vs. Software limitations
- Infrastructure
- Faculty laptops

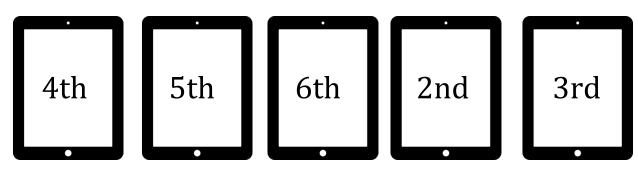
Computer Replacement Cycles

iPad and Computer Purchases



Going Forward

~130 iPads a year replaced (Completing a 5 year cycle)



25 iMac desktops replaced a year (All desktops replaced within 5 years)

New **Experiences**

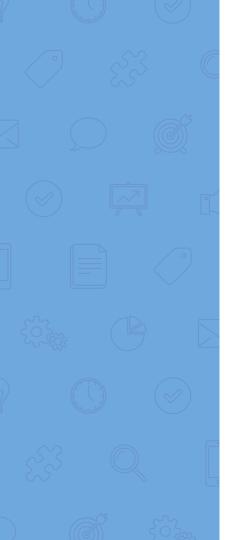
- 3D Printing
- Open Tech Lab
 - Coding
 - Robotics
 - Space simulations
- VR Expeditions
- Cyberpatriot
- Helpdesk

A
Non-traditional
view of
Return on
investment



Where we want to go?

1)	Student Computing Desktop / Mobile to align with Technology Plan	\$62,000
	o iPad replacement cycle	\$36,000
	 Desktop Computer Replacement 	\$26,000
2)	Faculty Mobile Computing	\$3,000
	 Routine Replacement of Faculty iPads 	
3)	Office Computers – Routine Replacement	\$2,000
4)	Routine Replacement Projectors and Document Cameras	\$10,000
5)	New Technologies	\$10,000
То	tal 2019 – 2020 Operating Budget Request	\$87,000
Capital Improvements		
	 Infrastructure Upgrades 	
	o Wiring upgrades	\$2,000
	o Switches 30=>40	\$3,700
	 Additional/replacement access points 	\$3,000
	 Uninterruptible Power Supplies in all network closets 	s \$13,000
	 New switches in two network closets 	\$10,000
Total 2019 – 2020 Capital Budget Request		



Thank you for your support