

Technology at Beecher Road School:

Empowering Continuous Personal Learning



The Purpose of Technology

Promoting personal learning, creativity, and innovation
in the BRS community



How did we
arrive here?

The following initiatives have led Beecher to its current position in technology:

- ▶ *The Mobile Computing for Faculty initiative*
- ▶ *The SmartBoard initiative*
- ▶ *The Mobile Technology for Students*



Research
Says

- ▶ *More engaged learners*
- ▶ *Better technology skills*
- ▶ *Cost efficiencies*



Where is the
technology?

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

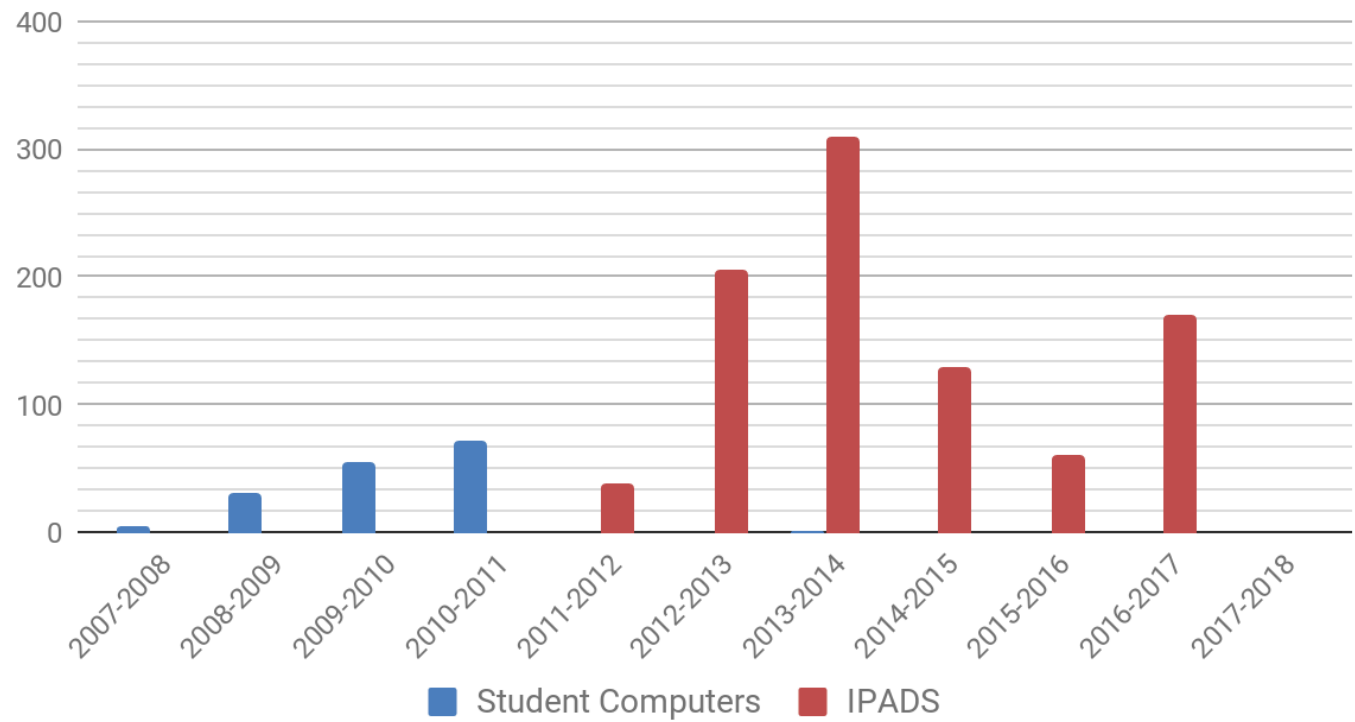



Replacement Cycles

- ▶ 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





**What did we plan
for, where are we
now, where are
we going?**

In 2012, the Mobile Technology for Students initiative started placing iPads into the hands of all students in the classroom, bringing access to digital resources and tools to the places and times when needed most, instead of providing access only at scheduled times in a computer lab.

The goals were

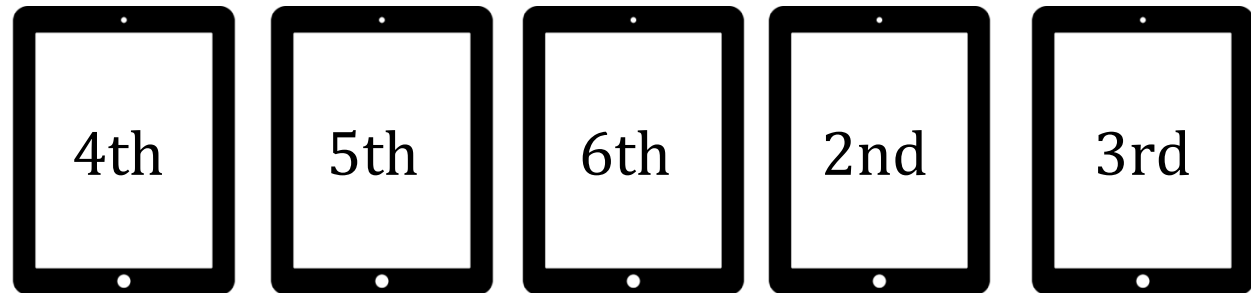
- ▶ Provide 1-to-1 devices to grades 2 through 6 by the 2016-17 school year
- ▶ Provide iPad centers in kindergarten and first grade

Next Step

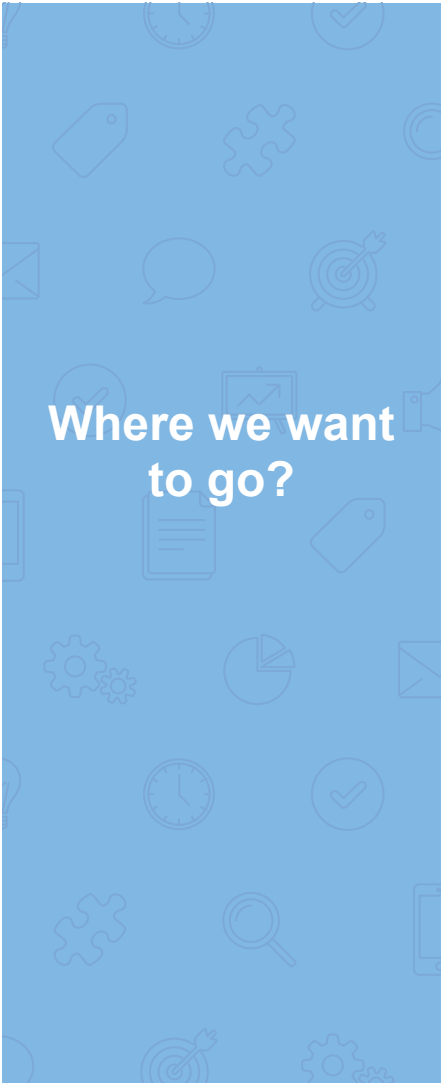
- ▶ Initiate the five year replacement cycle of iPads in the 2017-18 school year

Going Forward

110-120 iPads a year replaced (Completing a 5 year cycle)



25 iMac desktops replaced a year (Completing a 6 year replacement cycle.)



Where we want
to go?

1)	Student Computing	\$62,000
	▶ Desktop / Mobile to align with Technology Plan	
	▶ 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	\$0
4)	Routine Replacement Projectors and Document Cameras	\$10,000
	Total 2018 – 2019 Operating Budget Request	\$75,000
	Capital Improvements	
	▶ Infrastructure Upgrades	\$14,000
	▶ Wiring upgrades	
	▶ Switches 20=>30	
	▶ Additional access points	
	▶ Windows Server for Business / District Offices	
	▶ Virtual server system	\$32,000
	Total 2018 – 2019 Capital Budget Request	\$46,000



Thank you for your support