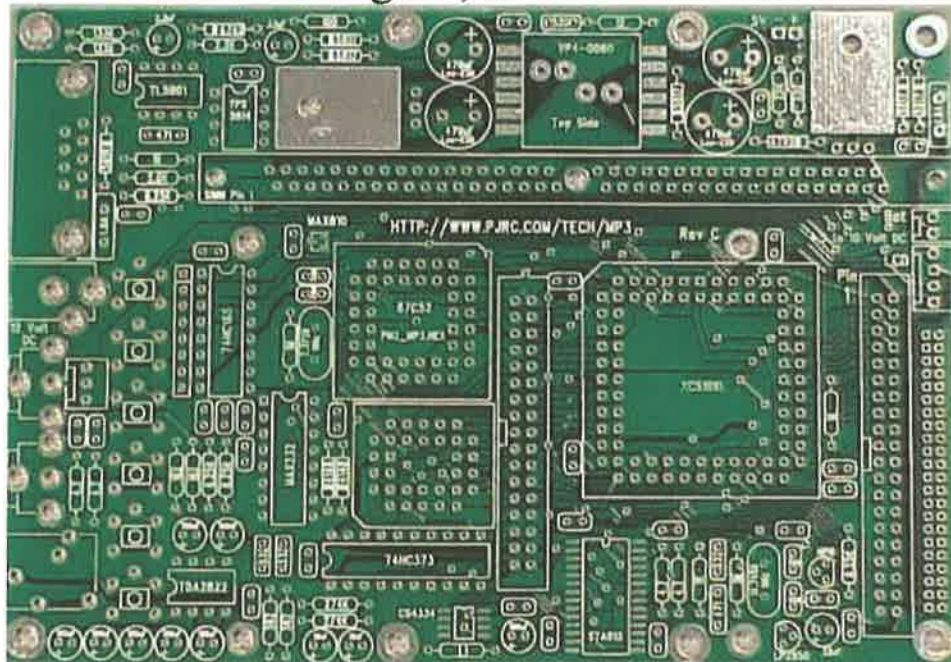# James Monroe Middle School

2800 Bailey Lane.
Eugene, OR 97401

2014-2016 Technology Plan

Technology Team Members:
Brian Watson, Assistant Principal
Sjana Barcroft-Hundt, Math and Computers
Brian Holte, 6th Grade Block
Rich Bowden, 8th grade Science
Marcella Nelson, 7th grade Science
Scott Hutchinson, Technology Master

Revised: October 22, 2015

Monroe Middle School Vision:

We envision a Monroe Middle School where students are responsible cyber citizens, and are prepared for careers that rely heavily on technological skills. We will achieve this through providing students with daily use of cutting-edge technological tools in classrooms staffed with technologically adept teachers. We will create technology-centered work-like environments where student work and teacher assessment are digitally transferred for more immediate feedback to students, making the classroom a rich environment of formative assessment. With 50% of our staff having a full set of laptops and our 8th grade students having 1-1 iPads our technology usage will increase 167% . As more online-based interactive textbooks become available, students will no longer need heavy textbooks. Monroe is on its way to utilizing 21st century resources to achieve 21st century skills.

Goals and Objectives

The goals of our Monroe Middle School are to:

• Improve student academic achievement in language arts, mathematics, science, social sciences, the arts and world languages through the use of technology.

• Assist every student – regardless of race, ethnicity, income, geographical location, or disability – in becoming technologically literate by the end of eighth grade. Technologically literate students will be exposed to every area of the ISTE standards with a goal of mastery.

• Use technology tools and digital content in all classrooms on a daily basis that engages our students, increasing student learning speed, keyboarding speed, and better preparing them to be cybercitizens.

• Provide for long-term technology upgrades and replacements.

• Provide Personal Learning Devices (PLDs) that will give students opportunities to master Common Core Writing Standards in history, science and technical subjects:

> "Develop and strengthen writing as needed by planning, revising, editing, rewriting and trying a new approach.

> Use technology and the internet to produce and publish writing, and to interact and collaborate with others.

> Conduct short as well as sustained research projects.

Goals and Objectives (Continued)

• Gather relevant information from multiple print and digital sources, assessing the credibility

and accuracy of each source while avoiding plagiarism."

• Have all textbooks on the PLDs which would offer accommodations for students with IEPs through programs that read aloud, provide highlighting, note taking, adapts font sizes, provides dictionaries and thesauruses.

• Have students master Common Core Convention Standards:

> "Demonstrate command of conventions of standard English grammar and usage when writing…
>
> Demonstrate command of conventions of standard English capitalization, punctuation, and spelling when writing.
>
> Demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression."

• Prepare students for Smarter Balanced testing by increasing student keyboarding speed and accuracy.

• Facilitate individual editing and peer review; significantly increasing the speed and ease of teacher and peer feedback.

• Achieve top technological school status, an iT1 school.

Technology Resources and Prioritized Requests

Existing Resources	Desired Resources from Crossroads 4a and 4b
40 iMacs in the C-6 computer lab 64 Macbooks in COW D, E dedicated to computer class 32 Macbooks in COW F 20 Macbook Airs in COW G 36 Macbook Airs in COW H dedicated to computer class 36 Macbook Airs in COW I dedicated to science 36 Macbook Airs in COW J will be dedicated to a teacher 36 Macbook Airs in COW K will be dedicated to a teacher 36 Macbook Airs in COW L will be dedicated to a teacher 36 Macbook Airs in COW M will be dedicated to a teacher	**3** more Macbook Air COWS of 36 to provide two for check out to remaining staff and one more to dedicate to a teacher wanting to use them daily.
Our library has 4 iMacs, 2 printers for student research.	6 iMacs for student research
216 iPad (2,1) 30 iPad (2,5) 24 iPad 2 (2,1) 2 iPad 4 (3, 4)	15 iPad (3,4) as a cushion for incoming students 5 iPad 4 (3,4)'s as a cushion for teacher iPads
40 iPad Keyboards	1 Keyboard cart
5 Smartboards	

Existing Resources	Desired Technology from school fundraising
19 Red Cat 855 voice amplification systems	3 Red Cat 855 voice Amplification systems in rooms A1L, B3, E5
7 COW printers	A printer for every COW
2 wall mounted projectors 1 ceiling mounted projectors 8 projectors on carts 7 Smart Short Throw projectors (Keep 2 projectors on carts for emergencies)	4 wall mounted projectors A5, A1-L, E3, C2, 4 Smart Short Throw projectors C3, E7, E5, E9

	2 Apple Remote Desktop programs for a teacher computer and C-6 lab.
Teacher computers 20 MacBook Pros	Replace 5 Macbook Pros 2010 or earlier
2 sets of infrared 32 clickers 1 set of 40, 1 set 45	Email other schools to see if they will donate their clickers.

Implementation Timeline

Date	Equipment	Funding
September 2015	established our annual technology account	Student fees and building funds $10,000
September 2015	assign Nelson COW I (no training necessary)	
October 2, 2015	Ascot Walk fundraiser	$9000
October 2015	3 RedCat Amplification Systems	Ascot Walk fundraiser/ student fees
October 2015	purchase printers for carts with left over money	Ascot Walk fundraiser/ student fees
ASAP	2 Apple Remote desktop for Nelson and C-6 lab	Ascot Walk fundraiser
October 2015	170 iPad cases	$15.39 ea Ascot Walk fundraiser
October 2015	buy replacement projector bulbs with left over money	Ascot Walk fundraiser
November 2015	keyboard cart for iPads	Crossroads Round 4a
November 2015 or ASAP	2 Macbook Air carts of 36 assigned to Karatko and Smart.	Crossroads Round 4a
January 2016 or ASAP	1 Macbook Air cart of 36 for all staff to check out	Crossroads Round 4b
January 2016	assign 4 Macbook Air carts of 36 to individual teachers.	Crossroads Rounds 2 & 3
May 2016		Silent Auction $6,000
May 2016	purchase COW printers	$250 ea
May 2016	purchase replacement bulbs for projectors with left over money	
September 2016	refill annual technology account	Student fees $10,000
October 2016	Ascot Walk fundraiser	$10,000-15,000
October 2016	buy and mount smart short throw and wall mount projectors	Ascot Walk fundraiser/ student fees

May 2017		Silent Auction $8,000
May 2017	buy and mount remaining projectors	
September 2017	refill annual technology account	Student fees $10,000
October 2017		Ascot Walk fundraiser $10,00-15,000
October 2017	buy and mount smart short throw and wall mount projectors	Ascot Walk fundraiser/ student fees
October 2017	begin replacing 2010 teacher computers	Ascot Walk fundraiser/ student fees
May 2018		Silent Auction $8,000
May 2018	finish replacing 2010 teacher computers	Silent Auction
May 2018	purchase projector replacement bulbs	Silent Auction

Professional Development

Projected Dates	Professional Development	Technology Trainers
November 2014	Staff were trained in classroom management of technology in the C6 Lab. Staff agreements were reviewed during a staff meeting.	Tech Team
December 1, 2014	1/3 of professional development time was dedicated to training teachers to be paperless (google docs, dropbox), document sharing, inspiration, reflector, mirroring, second screen, clickers, synergy, Edmodo, digital citizenship and Smarter Balanced Testing integration.	Brian Watson, Brian Holte, Rich Bowden, Shirley Madathil, Linda Reuteler, Marcy Nelson
September 14th-8th 2015	Appropriate technology use rules were re-taught to 7th and 8th grade students and introduced to 6th grade students. Responsible technology use agreements sent home and signed by parents and students.	All Staff
October 1st 2015	Technology Team Facilitator position identified: Marcy Nelson	Mike Johnson

October 14th 2015	Apple Remote Desktop training	Marcy
October 27th, 2015	Staff will be trained in classroom management of technology in the C6 Lab. Staff agreements will be reviewed during a staff meeting.	Tech Team
November-ongoing	Creating a collaborative document with technology problem solving for our building. Ex. Printer problems	All Staff
December 7, 2015	1/3 professional development time devoted to technology training based on technology team assessed areas of need: Google Docs, Word Press or Google Sites, Smart Throws, COW Cart Management, Edmodo, Snyergy Grade Book	Marcy, Brian, Rich, Shirley, Holte, Barcroft-Hundt, Kelly Claire?
November 2015-May 2015	Every second staff meeting per month will be choice and needs based technology training. Specific Synergy skills, Google Docs, other topics that come up.	Staff and other District Staff as needed
2016-2017 School Year	- Continued spiraling of Technology PD school-wide. - Technology Needs/Skill Development Survey - Computer Lab Training school-wide - One day of District PD dedicated towards technology training on staff specific skills - Cart Designation and training for teachers that are moving towards 1-1 Computer to Students. - Smart Throw Training	Tech Team