Madison Middle School

875 Wilkes Dr.
Eugene, OR 97404

<u>Technology Leadership Team</u>

Scott Marsh	Principal
Teresa Martindale	Assistant Principal
Geoff Henderson	Tech Support Specialist and Supervisor
Mike Stead	Industrial Arts Teacher
Jason Erickson	Social Studies Teacher

Vision Statement

At Madison, any adopted initiative must support or be supported by existing initiatives that improve instruction and learning. This is the lens through which we view our technology objectives. Technology is a cornerstone piece that is foundational to Proficiency-Based Learning, 21st Century Skills, and Flipping Classrooms, all of which are supported by the technology that equips us with the access and resources necessary for our goals.

Through the use of technology students will engage more fully in their education. Madison students will have the skills and knowledge to seamlessly integrate technology in their education as a tool both for gaining skills, knowledge and expertise, and as a vehicle for demonstrating their learning.

Goals and Objectives

- Students will engage in learning at the highest possible level and with the skills necessary to operate in a 21st century technological world.
- Students will be able to learn and adapt to new technologies as they become available.
- Through the use of technology, students will increase awareness of global learning and partnerships
- Students will be able to find answers to <u>their</u> questions.
- Staff will gain the skills to incorporate technology seamlessly into the every day learning, by using it to take notes, complete assignments, turn them in electronically, and receive feedback on assignments from teachers.
- Staff will grow in competence to help students learn the proper use of technology and how it support proficiency-based learning (both content and technology proficiencies).
- Staff will increasingly move toward digital textbooks and move away from a paper-based classroom.

- Staff will explore and pilot Flipped Classrooms and measure their impact on student learning. Technology is a key component to this type of learning.

As a 1:1 school, discussions around school policies, responsible use, classroom management and special logistical issues are ongoing and takes place in team meetings, content meetings, TLC meetings and often staff meetings. Time is made at staff meetings for demonstrations of technology use and professional development around new technology as needed. One staff meeting per trimester will be dedicated to professional Development for technology (Dec. 17th, Feb. 18th, May 20th).

Technology Resources

Technology Madison Has…	Technology Madison hopes to acquire…
- Two desktop labs - Multiple Computers on Wheels with classroom sets of laptops 1:1 iPad for every student and teacher - Document cameras - SMART boards - Projectors - Sound systems in every classroom - Laptop for every teacher	- Long throw projector for cafeteria (large group presentations) - Scientific probes - System for changing out iPad 2's for newer technology (iPad Air) 3-D printer - Replace older teacher laptops. - Replace older generation document cameras. - Classroom amplification system upgrades - Wall mounted projectors - New or repaired audio systems in the cafeteria and gymnasium (very high use areas). Equipment functionality and wiring has been spotty.

Implementation Timeline

Technology	Timeline	Funding source
• New Teacher Laptops	Begin Fall of 2014 and completed by Fall of 2017	Building funds
• Long throw projector	Spring of 2014	Crossroads Bond Project
• Replacement cycle for student iPads	Beginning Fall of 2016 and completed by Fall of 2018	Crossroads Bond Project

• 3-D Printer	Fall of 2015	Grants/private donations
• Science Probes	Spring of 2014	Potential EEF or Crossroads Bond Project
• Replacement cycle for Document Cameras	Begin Spring of 2014 and end in Spring of 2016	Crossroads Bond Project
• Replacement cycle for classroom amplification systems	As needed	Crossroads Bond Project
• Replacement cycle for classroom projectors	As needed	Crossroads Bond Project
• Replacement cycle for SMART Boards (Wall mounted projection)	Connect with projector replacement above. As needed	Crossroads Bond Project

Professional Development Timeline	Funding Source
Fall Trimester 2015:	
• Introduction to "Flipped Classroom" Concept (all staff)	Building-level professional development Title 2
• Teachers apply for "Flipped Classroom" Pilot (4 Teachers)	
• FC Teachers meet to discuss logistics and learning targets to be addressed by FC Pilot, and beginning developing/sourcing digital resources	Title 2 Use: Teacher laptops, projectors, student devices
• Review Proficiency progress and training of new staff in Proficiency Based Teaching and Learning (PBTL) (all staff)	BEC Grant
• Open House, provide technology overview for parents, use and	General Fund Use: long-throw projector, audio system

consent forms signed and recorded. (Greater school community)	in gymnasium
• Student training on digital textbooks/Edmodo and other classroom curricula (all teachers and students)	Technology and curriculum through both general funding and Crossroads Bond Project Use: iPads, teacher laptop, projectors, subscriptions/purchase of curriculum
• Serve as "model school" using iPads for visiting schools or groups.	None required
Winter Term:	
• Release day for Flipped Classroom Pilot teachers to create video content and collaborate/trouble-shoot, discuss progress.	Title 2 Use: teacher laptop, video software, projector/Smart Board/audio
• Proficiency Review – How are our markings working? Do we need to do additional training for staff/students/parents? Is there more work to be done in Synergy? Is proficiency feedback easily accessed and useful via technology by students/parents? (teachers, admin.)	Building funds
• Review iPad policies with our students and parents. Outstanding iPad round-up and tweaks to policies for iPad check-out as needed. Repair and replacement of iPads and cases (all stakeholders and TSS)	General and Crossroads Bond Project

• **Spring Term:**	
• FC release day for assessments and observations, also data debrief.	Title 2 supported by technology through Crossroads Bond Project
• Final grading period for proficiency. Review of systems – digital and traditional. How can we move completely to digital? Do we need additional support? Check in with other BEC schools. Finalize report for BEC grant, and include information on the digital components.	Source/Resources – TBD by review
• Begin end-of-year iPad round-up and check-in. Submit iPads needing repair, determine number of new cases needed, assess fines for missing equipment. Review processes and make recommendations for 2016-17 school year.	Crossroads Bond Project, Building funds

The Crossroads Bond Project has been instrumental in supporting student learning in ways that have been critical to our building, our region and our district. Today's learners will join occupations, some of which that have yet to be created, but are highly dependent upon state-of-the-art technologies. Combining bond funds with other funding sources, we are making the most of what we are able to do to support our students. Eugene School District 4J has determined that technology is a priority and works hard to support technological literacy.