

Matoska International Technology Plan

Matoska International is committed to utilizing innovative tools and methods to improve opportunities for students and teachers to learn and grow. Matoska embraces the NETS standards and will use them as a guide when embedding technology into the curriculum. In order to embed technology and NETS standards into the curriculum as desired, we will need to make a concerted and determined effort to acquire the resources necessary. Based on teacher feedback, the standards and what we know of best practice, Matoska's technology goals are defined below:

- **Embedded technology into the Curriculum**
 - Matoska will utilize the NETS standards and embed them into the curriculum.
 - The standards will be a part of IB planner writing and curriculum development.

- **Provide Professional Development**
 - Matoska is aware that ongoing professional development is essential for the successful use and implementation of technology.
 - Matoska will provide regular short technology training sessions.
 - Matoska will provide summer training opportunities for teachers.
 - Matoska staff will continue to have district training opportunities.
 - Matoska will develop core teachers who will receive additional training through district or outside resources. (TIES)

- **Provide classroom access to Chromebooks for grades 3-5**
 - Classroom set of Chromebooks assigned to grade level team .
 - The teams would determine when the devices would be divided into classrooms and when they would remain as a larger "cart" for whole class use..

- **Provide classroom access to tablet technology for grades K-2**
 - Classroom set of tablets assigned to each team.
 - The teams would determine when the devices would be divided into classrooms and when they would remain as a larger "cart" for whole class use.
 - Tablet technology is rapidly evolving. Specific devices will be determined at a later date.

- **Provide digital camera access for each classroom**
 - The implementation of digital portfolios and documentation of projects creates a compelling reason to have camera access in each classroom.
 - This may be the form of an actual camera or it could also be in the form of tablet technology.

- **Provide SMART Board for all classrooms**
 - Remaining classrooms without SMART boards will have them installed.
 - Training will continue to be provided by the district.

- **Open Inquiry Lab in Media Center**
 - This lab will be designed to be a resource for all students and teachers as they work within inquiry based units.
 - This lab will be available starting 2013.

- **Develop technology process and plan for specialist and special education by spring 2014**

The financial resource needed to implement the Matoska technology plan is achievable. The White Bear Lake Schools are very supportive, most recently we have had the resources allocated to create the Inquiry Lab, ready for use in the spring of 2013. Continued district level support for technology is unquestioned. The degree of future support will be determined by a number of factors, most important will be the outcome of the technology levy which is currently being discussed.

The Matoska PTO has been a positive supporter of the goals and objectives for the school. While the technology plan will be implemented in it's entirety, any additional support from the PTO will decrease the time it will take to implement the plan in full.

Recommendations:

- Implement the Matoska Technology plan with a minimum goal of 4 years to complete.
- Research and apply for any technology grants available that meet the parameters of the Matoska Technology Plan. This would greatly decrease the time to implement.
- Work with the Matoska PTO to determine if there are resources that could be available that will increase the speed which we can fully implement the technology plan.
- Work closely with school district if the school board determines to pursue the technology levy renewal/extension.

Matoska Technology Plan Timeline and Resources Needed

Item	Cost	Qty	Total	Alternate
Chromebook - set of 25	\$6,975@\$279	3	\$20,925	\$20,925
Tablets – set of 25	\$11,225@\$449	3	\$33,675	\$15,000
Storage/Power/Carts			\$3,000	0
Digital Recording Device	\$200	24	\$4,800	\$2,400
Total			\$62,400	\$38,325

* There are several other less expensive tablet devices that have potential. This cost is reflective the highest priced option. If other options are viable, the costs could be significantly less.

1 year implementation	\$62,400/year	\$38,325
2 year implementation	\$31,200/year	\$19,162
3 year implementation	\$20,800/year	\$12,775
4 year implementation	\$15,600/year	\$9,581

Item	Cost	Qty	Total
SMART Boards	\$4000	3.5	\$14,000

1 year implementation	\$14000
2 year implementation	\$8,000
3 year implementation	\$4,500