Waterman Elementary School
Technology Plan
2010-2015

Committee Membership

<table>
<thead>
<tr>
<th>Name</th>
<th>Grade</th>
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<tr>
<td>Sharon Barrix</td>
<td>2nd</td>
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<td>Sarah Nicklas</td>
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<td>Carrie Martell</td>
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<td>Cathy Byrne</td>
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<td>Lori Copley</td>
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<td>Kevin Byler</td>
<td>3rd</td>
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<td>Stacey Penrod</td>
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<td>Tanya Butler</td>
<td>4th</td>
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<td>Tammia Ketron</td>
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Current Status of Technology

4 Resource Labs
1-PC Lab with 20 desktop computers.
1-PC Lab with 21 desktop computers.
1-Mobile Lab with 24 laptop computers.
1-Mobile Lab with 30 laptop computers.

Classroom Computers
All classrooms as well as many auxiliary areas are networked and have wireless connectivity in the building. There are 79 desktop computers available for staff.

Multimedia Projectors
All classrooms have ceiling-mounted projectors. The library and some resource rooms have projectors on a cart. There are 2 projectors available for checkout.

Laptop Computers
There are 95 laptop computers.

SmartBoards
All classrooms have mounted SmartBoards. The library and some resource rooms have a SmartBoard. There is a SmartBoard available for checkout.

Scanners
There are 5 scanners—one in the PC lab.

Document Cameras
There are document cameras in all classrooms, some resource rooms and the library.

PRS
There is 1 Senteo set available for checkout.

Telecommunication access
Waterman is networked with internet capacity and wireless connectivity. The school is provided with cell phones to be used by essential personnel and staff members who are attending field trips. There is one fax machine in the main office.
Library workstation:
Waterman has an online library catalog networked with student terminals dedicated to catalog access. Network infrastructure permits access to the library catalog from any networked workstation throughout the building and/or from any internet capable computer off site using Follett Destiny software. Since this is a union catalog – patrons (with varying levels of access) may also look at catalogs throughout the school division. There are 5 work stations available in the library.

Needs Assessment

As funds become available, out-dated technology is replaced with benchmark equipment. New and current technology is reviewed and demonstrated so that our faculty can keep abreast of the latest equipment and software. The school technology committee decides on final purchases after getting input from their teams.

Vision, Mission, and Goals

VISION: Technology will be seamlessly integrated into the educational process and provide the means for learning, communicating and collaborating.

MISSION: Our mission is to provide all students and teachers intellectual and physical access to information through the use of highly advanced technology so that they may develop their full potential and contribute to a complex, changing world. The integration and use of technology plays a vital role in the learning process to improve student achievement. It also supports the mission of Harrisonburg City Public Schools to prepare every student to succeed and to contribute to a better world and to provide an academically challenging, safe and nurturing environment where all students, parents, and community members are active participants.

GOALS:
1. Improve teaching and learning through the effective use of technology that supports the curriculum and the Virginia Standards of Learning.
2. Establish a technology planning process that is on-going and supports the technology vision, mission, and goals.
3. To responsibly use local funding that is provided.
4. Provide and encourage ongoing and integral technology training for all staff to develop a community of learners and to enhance student learning.
5. Along with assistance from division personnel, we will maintain and support an electronic network for effective communication and collaboration.
7. Improve teaching and learning through the effective use of network-assessable and web-based educational application.
SCHOOL OBJECTIVES:

1. Improve teaching and learning through the effective use of technology that supports the curriculum and the Virginia Standards of Learning.
   - To incorporate using enhanced scope and sequence online.
   - Collaborate with ITRT to teach lessons covering the Technology Benchmarks. These benchmarks are based on state and national technology standards.
   - Explore and support emerging technologies.

2. Establish a technology planning process that is on-going and supports the technology vision, mission, and goals.
   - The school technology committee meets monthly to discuss ways of improving the use of technology in our building, to make purchasing decisions, and to review software.

3. To responsibly use local funding to support the technology vision, mission, and goals.
   - Encourage staff members to pursue grants for special technology purchases.
   - The school technology committee facilitates purchases of software and equipment utilizing local funds.

4. Provide and promote ongoing and integral technology training for all staff to develop a community of learners and to enhance student learning.
   - An ITRT shares her time with our school and Stone Spring Elementary– the division is encouraged to hire one per school.
   - Encourage staff to complete NETS*T, attend NTTI and other appropriate conferences or in-services.
   - School committee members send emails to the staff concerning helpful websites and technology tips.
   - Provide quick, ongoing staff development on various subjects throughout the school year.

5. Maintain and support an electronic network for effective communication and collaboration.
   - Encourage communication through email among the staff.
   - Daily bulletin is e-mailed.
   - Teachers will maintain and regularly update classroom websites.

6. Improve teaching and learning through the effective use of network-accessible and web-based educational applications.
   - Continue to purchase and use appropriate and available applications that support instruction and SOLs in the computer labs and in the classrooms.
   - Encourage staff to share outstanding websites for subject areas.

7. As the internet brings the world into the classroom on a daily basis, teachers will be encouraged to guide students in the appropriate use of this learning tool.
   - Continue to model and guide students to appropriate search engines.
   - Collaborate with ITRT to teach grade level internet safety objectives.