AVON PUBLIC SCHOOLS
3 YEAR TECHNOLOGY PLAN
FY2014-FY2017
 MISSION STATEMENT

To educate all students to be lifelong learners and responsible citizens

 Technology   2014-2017

Goal#1

All teachers and students will utilize and integrate technology for the purpose of student mastery of a rigorous curriculum in the 21st century.

Objective #1
All subject areas will incorporate 21st century learning using programs such as VHS, Study Island, Kahn Academy, Google DOCs/APPS, Cloud technology and hardware such as Interactive LCD projectors, apple TV, Ipads.

Action Steps
Annually maintain and license all programs.
Interactive LCD projectors, apple TV, and Ipads will be gradually purchased through a planned budget.
Teachers will receive training to be able to incorporate 21st century learning in the curriculum.
Teachers will be proficient in the use of 21st century teaching and learning tools.
Teachers and students will use 21st century learning aligned with the curriculum.
Through the annual curriculum revision process, ACT will evaluate existing technology as well as new products available to make recommendations regarding the need for software to evaluate students individually, at the classroom level and at the grade/school level.
Building administrators will monitor the on-going use of technology through teacher evaluations, learning walks, review of plan books and the review testing reports.

Objective #2
All staff will utilize technology to communicate student performance and guide the teaching and learning process.

Action Steps
Rubric and other assessment tools will be online, accessible for students and families.

Objective #3
Students and parents will use technology to monitor student progress toward mastering district and state curriculum standards.

Action Steps
The district will explore ways to communicate student progress and performance electronically.
Each school's staff will explore the increased use of technology (teacher websites, Iparent, etc.) to provide students and parents with information regarding student progress
AMHS will investigate the use of iStudent, for the purpose of the student being able to keep current with their progress during each term.
Students will use programs such as Study Island Virtual High School and Khans Academy to self monitor their academic progress.
Staff will use technology such as Interactive LCD projectors, apple TV, Ipads, and NWEA assessments to provide immediate feedback to students and the class regarding the acquisition of new concepts and information.

Goal #2
All staff will utilize technology to analyze and communicate district and school-based data.

Objective #1
Information through the data warehouse will be disseminated to all staff and used to drive curriculum revisions and to improve student out comes.

Action Steps
Guidance staff, ACT, administration and other staff designated by the administration will be trained in the use of Data Warehouse.
Members of the Administrative Team will explore ways to expand linkages with non-school department agencies and institutions of higher learning, such as Stonehill College, to garner data not normally generated through internal sources.

Objective #2
Technology will be utilized to effectively and efficiently manage student data at the school and district level.

Action Steps
Central and school office staff will continue to expand the use technology to organize, maintain and manage student data through programs such as Epims, Ipass, and Esped.
Central and school office staff will expand the use of technology to manage staff and district information such as staff attendance, professional development attendance, and teacher credentials.
Central and school office staff will participate in training to help expand their data management skills.

Goal #3
All staff will use technology to enhance communication internally and externally.

Objective #1
Staff will use technology to communicate with their students , parents and the community.

Action Steps for Avon Middle-High School
All teachers will set up teacher web sites.
All students will be provided with access to their teachers' web sites.
In the event of a lengthy school closure, all staff will communicate with all of their students electronically so that instruction is not interrupted .
Create data base of parent email addresses.
The use of Connect-Ed will expand to email.
Staff will use the district email provider to contact and/or respond to students and parents.
Staff will use the school's administrative software to communicate academic progress to students and parents.
Staff will utilize the school's LCD TV to communicate information about upcoming events and student and/or staff accomplishments.
The school's web site will communicate current information to students, parents and the community.
The AMHS will use the following technology to communicate information to students and parents: Connect Ed, Website, Email, and Facebook.

Action Steps for Butler Elementary
All teachers will set up teacher web sites.
All students will be provided with access to their teachers' web sites.
In the event of a lengthy school closure, all staff will communicate with all of their students electronically so that instruction is not interrupted .
Create data base of parent email addresses.
The use of Connect-Ed will expand to email.
Staff will use the district email provider to contact and/or respond to students and parents.
Staff will use the school's administrative software to communicate academic progress to students and parents.
The Butler will use the following technology to communicate information to students and parents: Connect Ed, Website, and Email.

Action Steps for Central Office Staff
The Superintendent will use the following technology to communicate information to students and parents: Connect Ed, School Committee meetings and presentations i.e. budget and MCAS.
The District web site will communicate current information to teachers, students, and parents.
Central office will make forms available online.

Goal #4

The District will use technology to maintain and improve facilities and operations.

Objective #1

The district will utilize electronic forms and an intranet structure for personal, professional, and vacation day requests.

Action Steps
Set up an intranet for the purpose of receiving, approving, and logging personal days requested by employees .
Set up an intranet for the purpose of receiving, approving, and logging professional days requested by   employees.
Set up an intranet for the purpose of receiving, approving, and logging vacation days requested by employees.

Objective #2

 The district will utilize email with parents when communicating school based and district information.

Action Steps
Email accounts will be collected from parents .
ConnectEd will have an email component.
Communication will be sent via email to parents.

Objective #3

The district will collect information that is requested annually at the beginning of the school year electronically.

Action Steps
An electronic system to collect Free and Reduced Lunch will be set up.
An electronic system to collect Emergency Information will be set up.
An electronic system will be set up to collect health infomation.
All contact information will be collected electronically.
Start of the year information will be annually refreshed electronically.

Objective #4

The district will utilize electronic systems to monitor the operation of all systems.

Action Steps
Set up systems for the electronic monitoring and control of heat.
Set up systems for the electronic monitoring and control of electricity.
Enhance security systems that monitor district buildings and grounds.

Objective #5
The district will develop a paperless budgeting process.

Action Steps
Explore options for an electronic budgeting system from budget conception to budget management.
Convert from the current Data National Software System to new Fundware Financial Management System.
Update current Chart of Accounts.
Explore the option of distributing the monthly summary of accounts electronically to administrators and secretaries using the new Fundware System to create exel spreadsheets.

Objective #6
The district will explore alternative communication systems.

Action Steps
Explore alternative communication systems using technology for the purpose of replacing the existing telephone systems to improve upon service and save communication dollars.

Objective # 7
District will explore cost saving measures in buildings.

Action Steps
Explore possibility of replacing the lighting at the Butler Elementary School with motion sensors in classrooms.
Explore possibility of replacing paper towel holders in the buildings with electronic hand blowers, in an effort to reduce paper and waste.