

Rutland Southwest Supervisory Union 2009-2012 Technology Plan



Technology Committee Members:

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Goal 1: Student-Centered Learning: Teachers create a learning environment in which Vermont students use information and communication technologies to engage in learning tasks that are meaningful, relevant, and authentic, in ways that engage their interest and foster independent and collaborative learning. Best practices lead to activities not always dependent on direct instruction and teacher-imparted knowledge.

Local Goal: Our SU will utilize technology to support the development of 21st Century skills in students and teachers.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1	Every teacher in the RSWSU will develop at least one content area lesson that integrates technology as a teaching and/or assessment tool. And add it to a common 'network' storage.	<ul style="list-style-type: none"> Teachers 	<ul style="list-style-type: none"> None 		<ul style="list-style-type: none"> Attend VT Fest Attend Dynamic landscapes Collaborative Educational Technologies course Smartboard Course Intel Teach to the Future In-services/training with 2Educational Technology Consultant 	Y1	<ul style="list-style-type: none"> Lesson plans will be submitted to building principals Principals will keep a record of teachers who participate in web page creation training and all other PD. Evaluations of in-service trainings will be done by participants.
2	Lesson plans created by teachers in action step number 1 will be implemented.	<ul style="list-style-type: none"> Teachers Curriculum Council Principals 	<ul style="list-style-type: none"> Computers Network Internet Access Smartboards Other as appropriate 		<ul style="list-style-type: none"> Support from 2Educational Technology Consultant if necessary 	Y2	<ul style="list-style-type: none"> Teacher survey Class observations by principal or 2Educational Technology Consultant

Indicators of Success for this Goal: Professional development will be provided to teachers to enable them to write lesson plans that incorporate technologies useful for their content area. Assistance will be given to them when necessary to write and implement the lesson for the first time. Teachers will use technology as a means of enhancing and facilitating student learning and assessing their content knowledge. Students will effectively use technology to enhance their learning, analyze information, and create products that demonstrate their understanding of the content knowledge obtained.

Goal 2: Leadership in a Student-centered Learning Environment: Vermont school administrators foster the development of teacher and student leaders for student-centered learning through technology.

Local Goal: Our SU will provide administrators with professional development in the area of educational technologies so that they will be better prepared to encourage, support and evaluate teachers in this area.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1	Administration will receive professional development in the area of educational technology by participating in at least one educational technology professional development opportunity per year.	<ul style="list-style-type: none"> Educational Technology Consultant 	<ul style="list-style-type: none"> Computers Network Internet Access Smartboard Other as needed 		<ul style="list-style-type: none"> Attend VT Fest Attend Dynamic Landscapes Collaborative Educational Technologies course Smartboard Course Intel Teach to the Future Course Training with Educational Technology Consultant 	Y1 – Y3	<ul style="list-style-type: none"> Administration will provide the Superintendent with documentation on each educational technology professional development opportunity taken. Evaluations of in-service trainings will be done by participants.
	Administration will	•	•		•		•

Indicators of Success for this Goal: Administrators will be able to model technology usage through their everyday work process to better communicate and present information to teachers, staff, students, parents, and the community at large (i.e. office tools, use of PDA’s, smartboards, blogs, wikis, etc.) and have a working knowledge of educational technologies that exist. They will encourage and support teachers through professional development and other supports as needed so that teachers will be able to use educational technologies within their content area effectively. Administrators will be aware of best practice as it relates to educational technologies in order to be better prepared for the teacher evaluation process.

Goal 3: Flexible Learning Environments: Vermont schools use technology to provide robust educational opportunities to students, including distance learning, and provide resources in ways that allow for varied access during and beyond the traditional school day. Access to multiple forms of learning resources on a 24/7 basis becomes a common goal for schools.

Local Goal: Our SU will provide our students with opportunities for distance learning as appropriate and varied access during and beyond the traditional school day.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1	Students will be given on-line learning opportunities including college courses as appropriate.	<ul style="list-style-type: none"> Guidance Curriculum Council 	<ul style="list-style-type: none"> Computers Internet Access Network Video conferencing 		<ul style="list-style-type: none"> None 	Ongoing Y1 – Y3	<ul style="list-style-type: none"> Guidance Director will keep a record of on-line learning opportunities in which students have taken part.
2	Teachers will be encouraged to use software such as Edu 2.0 or Moodle to give as many students as possible 24/7 access to multiple forms of learning and access to their classes.	<ul style="list-style-type: none"> Principals Teachers Curriculum Council 	<ul style="list-style-type: none"> Computer available beyond school day Internet Access Network 		<ul style="list-style-type: none"> Collaborative Educational Technologies Course Other seminars/courses/ in-services in how to use Edu 2.0 or Moodle 	Ongoing Y1 – Y3	<ul style="list-style-type: none"> Principals will observe or gather data about the technology being used through the teacher evaluation process. Evaluations of in-service trainings will be done by participants.
3	Student gmail (email tools) will become a reality within the RSWSU so that students can master their technology grade level expectations and facilitate their learning opportunities as well as have access to the many educational tools with Google.	<ul style="list-style-type: none"> Principals Curriculum Council Superintendent IT Coordinators 	<ul style="list-style-type: none"> Computers Network Internet Access Google gmail accounts created for district 		<ul style="list-style-type: none"> Collaborative Educational Technologies Course In-services provided by an 2educational technology consultant 	Ongoing Y1 – Y3	<ul style="list-style-type: none"> IT Coordinators will keep records of student and/or classroom gmail accounts that have been set up for use. Principals will observe or gather data about the technology being used through the teacher evaluation process.

Indicators of Success for this Goal: When this goal has been achieved we will see students taking advantage of on-line learning opportunities such as taking classes from local colleges on-line, using learning networks such as Edu 2.0 or Moodle, and accessing teacher web pages, etc. Students will be provided gmail accounts and will be accessing Google educational tools to enhance their learning, and provide them with

additional ways to develop projects and complete assessments. Teachers will be proficient in the use of these programs and learning networks so that students benefit from their use.

Goal 4: Engaged Community Partners: Vermont schools use technology tools to develop all manner of partnerships within the local, regional, state, and global communities. These partnerships are founded with the aim of providing a rich resource to students, building opportunities for learning and helping foster overall community growth. They also assist schools in sharing relevant information with parents, community members, school partners, and other school sites.

Local Goal: Our SU will increase communication between the schools in the RSWSU and the community to share relevant information with students, parents, school partners and others.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1	All RSWSU teachers will have a teacher web page to communicate with students, parents and the community and keep them up-to-date.	<ul style="list-style-type: none"> Teachers IT Coordinators 	<ul style="list-style-type: none"> Computers Internet Access Network Server Space Software for creating web pages 		<ul style="list-style-type: none"> In-services to train teachers how to create web pages Courses in web page design 	Ongoing Y1 – Y3	<ul style="list-style-type: none"> Principals will keep a record of teachers who have a web page. Principals will keep a record of teachers who participate in web page creation training. Evaluations of in-service trainings will be done by participants.
2	Other school departments (as appropriate) such as Library, Guidance, Administration, school nurse, etc. will have a well-maintained web page to foster communication with students, parents and the community.	<ul style="list-style-type: none"> Guidance Director School Nurses Administration IT Coordinators 	<ul style="list-style-type: none"> Computers Internet Access Network Server Space Software for creating web pages 		<ul style="list-style-type: none"> In-services to train Librarian, administration/ nurses/Guidance etc. how to create web pages Courses in web page design 	Ongoing Y1 – Y3	<ul style="list-style-type: none"> Principals will keep a record of all offices that have a web page. Principals will keep a record of administrators in their building and others that participate in web page creation training. Evaluations of in-service trainings will be done by participants.

Indicators of Success for this Goal: The community members including parents and students alike will be able to access resources from teacher, administrative and other district web pages (i.e. permission slips, medical forms, guidance office information, etc.). Students will be accessing sites like Edu 2.0 or Moodle to retrieve lessons, homework, or other materials from their classes in order to further engage them beyond the traditional school day. Students will benefit from access to these sites by able to retrieve homework, find tutorials, listen to and or read lessons, get clarification on assignments, get permission slips, and obtain other pertinent information that will help them be successful in school and other school related activities.