

**Fayston Elementary School**  
***Washington West Supervisory Union***  
**Technology Plan**  
**2009-2012**

Respectfully Submitted By

Chris Dodge – Principal

Doug Bergstein – Technology Coordinator & Teacher

Justina Boyden – Teacher & Parent

*Pending Board Approval in August 2009*

# Fayston Elementary School 2009-2012 Technology Plan

## GOAL 1 - Student-Centered Learning

**VT:** 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 schools will focus on providing a **consistent** technology experience to students at each grade level in accordance with recommendations from State and National leadership in order to ensure that students have 21<sup>st</sup> century *student learning skills*.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1. Document/collect data on current implementation of technology K-6 state curriculum.	Conduct annual staff, analysis of lab use	Tech Coordinator	Online survey tools, Google Docs for collaboration	No additional budget impact		Y1 – develop surveys regarding understanding of performance tasks and grade-level expectations, analysis of lab use and facilitates discussion around what’s missing  Y2 – develop rubrics and benchmarks at each grade level  Y3 – create curriculum, mapping and do student work analysis	Compiled results
2. Map connections between content curriculum and Tech standards (GCEs)	Longitudinal plans (annual) by team or grade level.	teaching teams with support from Tech Coordinator	No additional resources needed	No additional budget impact		Y1 – look at current examples and analyze consistency	Curriculum Maps
3. Develop technological components into academic areas for each grade cluster	Sample units	teaching teams with support from Tech Coordinator / Mentors	No additional resources needed	No additional budget impact		Y1 – one component added  Y2 – a second component added	Final products

each grade cluster		Mentors				Y3 – a third component added	
4. Develop assessment rubrics for student technology products	Criteria for project rubrics will be drawn from VT GCEs, ISTE NETS and Partnership for 21st Century Skills	teaching teams with support from Tech Coordinator / Mentors	No additional resources needed	No additional budget impact		Y1 – one rubric added Y2 – a second rubric added Y3 – a third rubric added	Developmentally appropriate rubrics

**Indicators of Success:**

At the end of three years, teaching teams will have integrated, instructed and assessed technology into three or more key areas of the standard curriculum. Students will have developed at least three technological-based, meaningful products that are integrated into a core academic area. Student and teachers will be more comfortable incorporating technology into their everyday academic life.

## GOAL 2 - Leadership in a Student-Centered Environment

**VT:** Vermont school administrators foster the development of teacher and student leaders for student-centered learning through technology.

**Local Goal:** Our schools will work to broaden **leadership** in technology to include Administrators, Tech Coordinator and Teacher Leaders.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2 /Y3	Data Collection
1. Formalize a system of technology mentors	<p>Technology mentors are staff members who have knowledge of and a certain comfort level for sharing technology.</p> <p>They are staff members who are willing to support, model, and encourage other staff members to use these resources.</p>	Tech Committee	No additional resources needed	Reimbursement for mentors' time, etc.	Tech mentors are provided the opportunity for courses, workshops, and networking in order to stay current with best practices and technology		
2. Administrators will help staff become aware of technology plan goals and include development of team and individual "curriculum matrix" plans as part of essential professional development	Structuring TIME for Professional conversation about technology integration and professional development to help teachers meet the goals of this plan is essential.	Administrator	No additional resources needed	No additional budget impact	Primarily at Staff Meetings		

**Indicators of Success:** A technology committee, including mentors, will be formed. Teachers will have a hard copy of the state level performance task. The staff will meet at least once a month at a staff meeting to share ideas and provide support for one another. This may include, but is not limited to, instruction of how to use a specific program or device.

### GOAL 3 – Flexible Learning Communities

**VT:** Vermont schools use technology to provide robust educational opportunities to students, including distance learning, and provide resources in way 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 District will promote the use of technology for students and their families, in both the home and school settings.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1. Integration of Web 2.0 tools	Promote the use of wikis, blogs, etc. for communicating with students and parents, providing instructional materials online, and helping students collaborate on academic work	Teachers	No additional resources needed	PD money as needed	As needed for the professional staff		
2. Digital Citizenship	Create a lesson sequence in digital citizenship, including Internet Safety. Identify grade level(s) at which this will be introduced.	Tech Mentors	No additional resources needed	No additional budget impact		Work in groups to develop expectations and lesson ideas	Signed agreement by students
3. Connect with the broader learning community	Through the use of teacher sanctioned technology, teachers and students will connect with other professionals or educational institutions to gain first hand knowledge of a given topic	Teachers	No additional resources needed	No additional budget impact	Workshop/Course to learn more about our existing technology	Y1 – Find 1 outside resource to connect with	

**Indicators of Success:** Students will be provided with on-line learning opportunities to access from both school and home. All students will be taught about digital citizenship each year and will sign a document indicating their understanding of that responsibility.

**GOAL 4: Engaged Community Partners**

**VT:** 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 members, school partners, and other school sites.

**Local Goal:** Our schools will use technology tools to strengthen partnerships with families and the community that enrich learning and maximize resources.

Action Step	Description	Staffing	Infrastructure	Budget	PD	Y1/Y2/Y3	Data Collection
1. Increase the availability of current information on schools and classroom web pages.	Add calendars, newsletters and curriculum goals/materials to our web sites.	Web Coordinator Administrators Tech Coordinator Teachers	No additional resources needed	No additional budget impact			Electronic page created by each teacher
2. Reduce paper waste and increase communication between school and families through electronic distribution.	As appropriate, provide current information to parents through web or email.	Office staff Administrators Tech Coordinator Teachers	No additional resources needed	No additional budget impact			

**Indicators of Success:** More families will be using our website and communicating to the school electronically. Teachers will communicate with their class, outside of classroom hours, through a website. We will reduce the amount of paper being sent home.

## **Goal 5: Effective Local Technology Plan Evaluation**

1. Technology will be employed both as a tool for student assessment and as a mechanism for distributing data that is used for educational decision-making. The state's performance level tasks are a good place to start. These are very clear about what students should be able to accomplish at each grade level. Technology will be used to support assessment in content areas, it will also be used to drive and support decision making
2. The tech committee will meet twice a year to monitor the degree to which our local technology plan is being implemented, as well how the performance indicators of each of the four primary goals are being met. This will be accomplished by assessing where we are with the Indicators of Success, found at the bottom of each of the primary goals.