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*Technology Plan Committee Members*

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# Oakview Elementary

Principal-Dr. Philip Reavis

515 Godfrey Rd.

Simpsonville, SC 29681

2011 - 2012

Revised: October 2011

## Snapshot of Current Technology Use in School

The snapshot of current use should briefly focus on how current technology is being used in the school. This is not a list of equipment contained in the school. This can be a paragraph or a bullet list. Examples:

- 100% of the classrooms are equipped with Promethean Boards which are used every day.
- Teachers check out the 7 mobile computer labs daily.
- The 3 computer labs are used by every teacher on a weekly basis
- Teachers use computer labs and mobile labs for Compass Learning
- Teachers use virtual field trips to enhance classroom instruction and reinforce standards via Tanberg Video Conferencing Equipment.
- All students are presently using technology to enhance research methods correlated with curriculum standards.
- Students in all classrooms are exposed to technology daily through various educational software including Reading Counts, Lexia, Larson's Math, Overdrive, Compass Odyssey, and the Internet with interactive Promethean Board lessons.
- Teachers are using the United Streaming videos coordinated to the curriculum standards in all subject areas.
- Teachers use interactive Promethean devices, such as activotes, Actvislates, and ActivExpressions
- All 1<sup>st</sup> through 5<sup>th</sup> grade students participate in weekly computer lab instruction.
- Teachers interact with students during lab instruction.
- Teacher made flip-charts in addition to downloaded flipcharts from Promethean Planet are used to teach specific standards.
- All teachers maintain current websites.
- Actively use school website with events.
- Currently our staff members continue to participate in various workshops.

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Quick Facts :

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Number of students: 1,248

Number of staff: 125

Number of classroom with  
Interactive Whiteboards: 70

Number of Computer labs: 3

Number of mobile laptop labs: 7

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- Greenville County Schools use *Intel Teach to the Future* to demonstrate Teacher Technology Proficiency.
- All full-time teachers have completed *Intel*.
- The technology team works to provide relevant training for instruction and personal productivity.
- Teachers are using online resources like E-books, Discus and United Streaming to introduce, reinforce, and enrich the teaching of the South Carolina state curriculum standards.

## SCHOOL PROFILE

The facility at Oakview houses kindergarten through fifth grade. There are regular classroom spaces, rooms for special education or specialty classes. Added during the 2010-2011 school year is a distance leaning lab. Here, teachers and students are able to take virtual field trips all over the United States and world. The common areas consist of one large media center, a science lab, a gymnasium, an art classroom, a music classroom, a cafeteria, and an administrative area. Outside, the school also houses a butterfly garden, blueberry patch, a South Carolina garden, nature trail, and an apple orchard. The administrative complex consists of a reception area with 3 offices, a conference room, guidance offices, bookroom, health room, PTA room, and several storage rooms. Oakview also has two full-size computer labs with 30-networked computers in each lab. A third computer lab was added using computers from one of the wireless carts for the 2010-2011 school year. Oakview has 7 wireless

computer carts with 283 wireless laptops for classroom use. Oakview has 149 teacher laptops. Each classroom is connected to the school's network.

Our school leaders promote quality instruction by actively supporting teaching and learning. Teachers attend workshops, conferences, and other professional development activities throughout the year in addition to technology workshops that are planned at our school. All teachers at Oakview implement curriculum-based units infused with technology in addition to technology-based assignments throughout the year. The library card catalog (OPAC) is accessible online, and internet access is available in all classrooms, in 7 mobile labs, and the three computer labs. The school web page, built by the media specialist, is updated daily. All teachers have their personal web pages linked to the school's page. Oakview offers in-service hours in computer training for its teachers. Workshops have include: Lexia Reading, Compass learning, Promethean Board, teacher web pages, class distribution lists, webquests, email, United Streaming, Power Teacher, Active Inspire, and new software applications.

## Technology Dimensions Overview

- **Tech Dimension 1: Learners and their Environment**

Oakview Elementary School will implement district technology standards to increase student achievement and technological literacy each year through the end of 5<sup>th</sup> grade. Students will use current and emerging technologies independently and collaboratively as they develop skills needed for success in the 21<sup>st</sup> century world.

Technology offers students access to current and developing information, tools for visualizing and modeling, data collection, data analysis and emerging communication of ideas. Student will use current and emerging technologies independently and collaboratively as they develop skills needed for success in the 21<sup>st</sup> century world.

New and emerging technologies in the classroom foster creativity, team building, and development of 21st Century Skills. Learning how to utilize these technologies when students get out into the business world will be vital to their success.

- **Tech Dimension 2: Curriculum and Instruction**

Oakview Elementary School will use current and emerging technology to create student-centered environments that enhance academic achievement.

The school will use current and emerging technologies to create learner-centered instructional environments that enhance academic achievement.

Teachers will use current and emerging technologies to design technology-enriched learning environments to assist students with the attainment of required curriculum objectives.

- **Tech Dimension 3: Professional Development**

Oakview Elementary will develop ongoing and continued professional development programs and classes for all Oakview educators. These professional development programs will help to increase technological proficiency of all Oakview Elementary educators in order to increase student achievement using research proven strategies and technology integration.

The school will develop ongoing and sustained professional development programs for all educators – teachers, principals and administrators, school library media personnel, and support staff.

**Goal 1:** Use current and emerging technologies to raise the academic challenge and performance of each student.

**OBJECTIVES:**

*1. Provide the technology necessary to engage students in the learning process.*

<b>Tech Dimension</b>	<b>Ref. Number</b>	<b>Strategy/Action</b>	<b>Action Steps</b>	<b>Funding Considerations</b>	<b>Evaluation of Objectives</b>
Learners and the Environment	1-1.1	Continue to use Promethean Boards in order to engage students in all classrooms.	Use refresh funding to maintain PBs and projectors and provide training	Refresh	Number of classrooms with PBs and projectors
Curriculum and Instruction	1-1.2	Teachers will use the Promethean Boards as a tool to engage students in the learning process	Provide teachers with resources and training to effectively use promethean Boards	School funds	Observation of student engagement and interaction with PBs during observations.
Professional Development	1-1.3	Provide ongoing workshops in technology to increase the technology level of teachers	Create professional development opportunities with IT using the most current technology available for the 21 <sup>st</sup> century learner	School Fund, PTA	PAS-T notebooks containing proof of workshops and surveys from teachers after workshops.

***2. Promote technology integration throughout the curriculum to improve instruction, engagement and achievement.***

<b>Tech Dimension</b>	<b>Ref. Number</b>	<b>Strategy/Action</b>	<b>Action Steps</b>	<b>Funding Considerations</b>	<b>Evaluation of Objectives</b>
Learners and the Environment	1-2.1	Provide student access to 21 <sup>st</sup> Century tools (web 2.0) with the goal of using them appropriately in a variety of situations	Maintain a ratio of 1:4 computers	Refresh	Number of teachers utilizing web 2.0 tools in their lesson plans and student projects incorporating web 2.0 tools
Curriculum and Instruction	1-2.2	Teachers will use a variety of resources to plan lessons that integrate technology	Use Curriculum Connection and web resources for teachers	Grants, PTA, School Funds	Review and evaluate teachers lesson plans to ensure the integration of technology
Curriculum and Instruction	1-2.3	Teachers will use Student response Systems (Active Votes, Active Expressions, Active Slates) when available and appropriate to gather data on student understanding and learning	Provide teachers with instruction and technology to integrate SRS's into the classroom instruction	PTA, School Funds	Downloadable results from Student Response systems and teacher lesson plans integrating SRS's into the lessons.
Professional Development	1-2.4	Teachers will observe teachers on technology	Teachers will collaborate and observe teachers	School Funds	Walk-throughs and observations on the integration of technology in

		integration effectiveness	during instructional time.		the classroom.
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**Goal 2: Provide professional development to increase the competency of Oakview’s educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.**

<b>Tech Dimension</b>	<b>Ref. Number</b>	<b>Strategy/Action</b>	<b>Action Steps</b>	<b>Funding Considerations</b>	<b>Evaluation of Objectives</b>
Learners and the Environment	2-1.1	Teachers will continue using software to enhance learning.	Larson’s Math, Lexia, and Compass for remediation and acceleration.	No cost, already purchased	Class and student reports
Learners and the Environment	2-1.2	All teachers will use Website, email, and PowerTeacher to enhance communication with the community.	Teachers will keep web pages up-to-date, send emails when needed, and maintain grades in PowerTeacher.	No cost	Samples in each teacher’s PAS-T Portfolio, annual website audits.
Curriculum and Instruction	2-1.2	Teachers will use United Streaming, Podcasting, Brainpop and Discus as additional curriculum resources	Maintain memberships and access to curriculum resources.	School Funds	Observation of lesson plans
Professional Development	2-1.3	Provide ongoing workshops in technology to increase the technology proficiency of teachers	Create professional development opportunities with IT using the most current technology available for the 21 <sup>st</sup> century learner	School Fund, PTA	PAS-T notebooks containing proof of workshops and surveys from teachers after workshops.

## Needs/Wants List

<b>Tech Equipment Need</b>	<b>Quantity Needed</b>	<b>Justification</b>	<b>Priority (5 = High)</b>	<b>Comments/Notes</b>
<b>Promethean projectors</b>	60	1-1.1 Provide all classrooms with updated Promethean projectors in order to engage students	5	
<b>Active expressions</b>	90	1-2.3- Teachers will use Student response Systems (Active Votes, Active Expressions, Active Slates) when available and appropriate to gather data on student understanding and learning	5	
<b>Teacher Laptop computers (includes classroom teachers, guidance, Admin, Challenge, Reading Intervention, Special Ed, Science lab, Speech, Related arts, Media Center, and virtual lab)</b>	75	1-2.2-Teachers use laptops in the classroom for core instruction, take them to workshops for professional development, and connect to the Promethean Boards for student centered instruction and activities.	5	
<b>Teacher Desktop computers (includes Office staff, Health room, Occupational Therapist,</b>	8	2-1.2 All teachers will use Website, email, and PowerTeacher to enhance communication with the	5	

<b>computer lab manager, Plant Engineer, Food service manager)</b>		community.		
<b>Computers for desktop lab (desktops to replace old models now in our lab)</b>	60	1-2.1-The 2 stationary labs will be utilized by teachers to integrate technology across the curriculum and to give all students access to the lab once a week.	5	
<b>Media Center computers</b>	17	1-2.1 Students use the computers in the Media Center for research, OPAC, and Reading Counts.	5	
<b>Student laptops for mobile/virtual lab</b>	30	1-2.1 Virtual lab will be utilized by students to integrate technology across the curriculum and to give students access to the lab for research.	5	
<b>Wireless Access Points</b>	2	2-1.3-The wireless access point would allow for teachers and other district personnel to be more productive when using their laptops during professional development meetings,	4	

		workshops and training sessions. This can also be used for student laptop classes in the Media Center, laptop lab and with <i>iPads</i> .		
<b>iPads for Administrators, Instructional coach, and Media Specialists.</b>	5	1-2.2-The Administrative Team will use the <i>iPads</i> for classroom observation feedback and well as assisting classroom teachers with research capabilities for their students. The Media Specialists will explore the uses of Ipads in the classrooms and in the Media Center.	5	
<b>Classrooms (Student Desktops)</b>	162 (54 classrooms x 3=162)	1-2.1 Teachers will use the computers more effectively if they have enough for the students to share. Our students need daily access to computers. Students also need access to the Internet for research projects, Compass learning, Lexia, and student email.	5	

<b>Active Tables</b>	6	1-2.2-2 Active Tables per Kindergarten, First grade, and Second grade	2	
<b>Lamps for Promethean Boards</b>	70	1-1.1-Bulbs last approximately one year.	5	
<b>Ipods for library checkout</b>	30	1-2.2-With <i>Ipods</i> student will be able to access audio books in the district's Overdrive database to listen to at home, on the bus, traveling or exercising.	3	
<b>Software</b>		2-1.2-With the addition of Compass Odyssey software we have a comprehensive remediation and enrichment program for all students. We would like to purchase online subscriptions for, Reading a-z, MathStories, World Book Online, Maps101, and Enchanted Learning for use by our teachers and students.	3	
<b>Digital cameras</b>	15	2-1.2-Teachers use digital cameras to showcase student work on teacher	2	

		websites, field trips, and to create slideshows for their websites. Students also use digital cameras for digital storytelling projects.		
<b>ActivSlates</b>	20	1-2.3- Teachers will use Student response Systems (Active Votes, Active Expressions, Active Slates) when available and appropriate to gather data on student understanding and learning	5	
<b>KarbonPads</b>	3 class sets	1-2.3- Teachers will use Karbon Pads when available and appropriate to gather data on student understanding and learning.	3	
<b>Ceiling Projector and screens in cafeteria</b>	2	2-1.3-The screen would allow for teachers and other district personnel to be more productive during professional development meetings, workshops and training sessions. This can also be used for student	4	

		plays and presentations.		
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