

TO: BOE Members

Based on legislation, each LEA is required to re-write the LEA Technology Plan every five years. This is the year for this to occur. Our plan will cover goals and objectives that we hope to accomplish within the next five years. We are always encouraged to step beyond our “reasonable” boundaries as we envision a plan for the future.

We believe that our current technology plan is an excellent guide for our system. We also treat this plan as a living document—reviewing continuously and making adjustments as needed to strategies to reach the system goals and objectives. Therefore, we have reviewed our current plan and will use it as the basis for enhancements and additions for the coming years.

Attached is a copy of the revisions to the current technology plan goals and objectives that we recommend. Please note that the onset of the new initiatives in education have caused some items to be reworded. i.e.:

High Student Performance → Globally Competitive Students
Quality Teachers, Administrators, Staff → 21st Century Professionals
Healthy Students and Safe, Orderly and Caring Schools → Healthy and Responsible Students
Effective and Efficient Operations → 21st Century Systems
Strong Community and Business Support → Leadership will Guide Innovation

In the attached document...edited areas are as follows:

“strike-throughs”- indicate deletions
“blue highlighting” – indicates additions for our new plan
new objectives within each concentration are “bolded” in highlighted yellow cells
strategies for each objective that will continue are not listed on this document as there is no change in our processes for these strategies
additional strategies are included for each new objective that has been added.

The current technology plan is available on our website at :

http://www.transylvania.k12.nc.us/New_Home/Documents/Final_TCS_TechPlan.pdf

Our living document for constant review is on a wiki at:

<http://techwiki.tcsnc.org/>

You may view the wiki as a guest if you would like to see our work.

Donys-Kaye

NC public schools will produce globally competitive students.
Strategic Technology Plan

Strategic Priority 1: NC public schools will produce globally competitive students.*							
Strategic Goal: (Please check.) <input checked="" type="checkbox"/> Every student excels in rigorous and relevant core curriculum that reflects what students need to know and demonstrate a global 21st Century environment, including a mastery of languages, an appreciation of the arts, and competencies in the use of technology. <input type="checkbox"/> Every student's achievement is measured with an assessment system that informs instruction and evaluates knowledge, skills, performance, and dispositions needed in the 21st Century. <input type="checkbox"/> Every student will be enrolled in a course of study designed to prepare them to stay ahead of international competition. <input checked="" type="checkbox"/> Every student uses technology to access and demonstrate new knowledge and skills that will be needed as a life-long learner to be competitive in a constantly changing international environment. <input type="checkbox"/> Every student has the opportunity to graduate from high school with an Associates Degree or college transfer credit.							
Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	Evaluation Results June, 2009
<i>Objective 1.1 Provide a support system to assist all students and student subgroups in meeting annual AYP targets as defined under NCLB</i>							
<i>Objective 1.2 Promote the seamless integration of educational technologies in the K-12 Classroom</i>							
<i>Objective 1.3 Expand student access to learning software and resources</i>							
<i>Objective 1.4 Use technology to celebrate and promote student achievement in our schools</i>							
Objective 1.5 Encourage technology use for global exchange and partnerships							
1.5 Engage teachers and students in meaningful project learning exchanges w/ people globally	Web 2.0 Tools Websites	Media/Tech Services; Classroom teachers	\$18,000/yr (y-1,2,3,4,5)		2009-2013 w/ AR in July	Teacher &/or student reflection; projects	
Objective 1.6 Promote digital age work and learning							
1.6 Interact collaborate, with global peers	Web 2.0 Tools	Media/Tech Svc Teachers	\$35,000/yr (y-1,2,3,4,5)		2009-2013 w/ AR in July	Teacher/student reflections	

NC public schools will be led by 21st Century professionals.
Strategic Technology Plan

Strategic Priority 2: NC public schools will be led by 21st Century professionals.*							
Strategic Goal: (Please check.) <input checked="" type="checkbox"/> Every teacher will have the skills to deliver 21st Century content in a 21st Century context with 21st Century tools and technology that guarantees student learning. <input checked="" type="checkbox"/> Every teacher and administrator will use a 21st Century assessment system to inform instruction and measure 21st Century knowledge, skills, performance, and dispositions. <input type="checkbox"/> Every education professional will receive preparation in the interconnectedness of the world with knowledge and skills, including language study. <input type="checkbox"/> Every education professional will have 21st Century preparation and access to ongoing high quality professional development aligned with State Board of Education priorities. <input checked="" type="checkbox"/> Every educational professional uses data to inform decision.							
Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	Evaluation Results July, 2009
<i>Objective 2.1 Promote the professional growth of teachers, administrators, and staff</i>							
<i>Objective 2.2 Implement a computer skills assessment for all staff to target appropriate technology staff development opportunities</i>							
<i>Objective 2.3 Expand Online Training Resources</i>							
<i>Objective 2.4 Explore Emerging Technologies</i>							
Objective 2.5 Promote the development of advanced "assessment literacy" skills in teachers							
2.5 Seek funds to provide add'l "AL" skills for staff per NETS-T Std 2d	Expertise in advanced AL skills; Online PD	Curriculum Dir Tech Dir Inst Tech Coor; Outside trainer	\$10,000/yr Yr-1,2,3,4,5	f-l-s other	2010-2013w/ AR in July	Record of training opportunities	
Objective 2.6 Provide opportunities for "global awareness" experiences for staff							
2.6 Seek funds to provide global exc. experiences for staff	Available exchange programs	Curriculum Dir, Administrators	\$16000/yr (y-1,2,3,4,5)	f-s-l	2010-2013 w/ AR in June	Record of participation in exchange	

NC public school students will be healthy and responsible.
Strategic Technology Plan

Strategic Priority 3: NC public school students will be healthy and responsible.*							
Strategic Goal: (Please check.) <input checked="" type="checkbox"/> Every learning environment will be inviting, respectful, supportive, inclusive, and flexible for student success. <input type="checkbox"/> Every school provides an environment in which each child has positive, nurturing relationships with caring adults. <input checked="" type="checkbox"/> Every school promotes a healthy, active lifestyle where students are encouraged to make responsible choices. <input type="checkbox"/> Every school focuses on developing strong student character, personal responsibility, and community/world involvement. <input checked="" type="checkbox"/> Every school reflects a culture of learning that empowers and prepares students to be life-long learners.							
Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	Evaluation Results July, 2009
<i>Objective 3.1 Activities & visitors will be closely monitored</i>							
<i>Objective 3.2 Communication within schools will be enhanced</i>							
<i>Objective 3.3 Security of network will be improved with intrusion-prevention</i>							
Objective 3.4 Provide equitable 24/7 access to instructional resources from home							
3.4 Ensure student home access to n/w instr. program	Portal access through system firewall	Tech Director IT Staff	N/A	N/A	2009-2013 w/ annual Review	Presence of access	
Objective 3.5 Promote healthy student lifestyles							
3.5 Provide info re: healthy lifestyles	Child Nutrition Website	Webmaster, CN Dir	N/A	N/A	2009-2013 w/ Annual Review	Website info	
Objective 3.6 Support system-wide character building programs							
3.6 Provide tech access/support as needed: character/ethics initiatives	Instructional programs used	Curriculum Dir WFD Dir Tech Support staff	N/A	N/A	2010-2013 w/ AR in July	List of initiatives with tech component	

Leadership will guide innovation in NC public schools.

Strategic Technology Plan

Strategic Priority 4: Leadership will guide innovation in NC public schools.*

Strategic Goal: (Please check.)

- X School professionals will collaborate with national and international partners to discover innovative transformational strategies that will facilitate change, remove barriers for 21st Century learning, and understand global connections.
- X School leaders will create a culture that embraces change and promotes dynamic continuous improvement.
- ☐ Educational professionals will make decisions in collaboration with parents, students, businesses, education institutions, and faith-based and other community and civic organizations to impact student success.
- X The public school professionals will collaborate with community colleges and public and private universities and colleges to provide enhanced educational opportunities for students.

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	Evaluation Results July, 2009
Objective 4.1 Provide technology professional development embedded in content							
4.1 Use intel model as framework to design online PD	Intel guidelines; Online delivery system	Curriculum Dir Inst Tech Dir	N/A	N/A	2009-2013 w/ AR in July	Presence of courses	
Objective 4.2 Encourage expanded opportunities to pursue higher ed curricula via technology delivery							
4.2 Seek opportunities for expansion of current curricula offerings	Collaboration w/ BC & BRCC & NCVPS, i-Schools	Curriculum Dir WFD Dir	N/A	N/A	2010-2013 w/ AR in July	Review of available courses	
Objective 4.3 Ensure opportunities for leadership to review innovative strategies from outside this district							
4.3 Seek funds for leadership to participate in collaborative conf & mtgs, re: innovation in educ strategies	Funds & options for Professional growth	Administrative Dir Inst personnel	\$20,000/yr (y1-2-3-4-5)	f-s-l	2009-2013 w AR in July	Record of participation	
Objective 4.4 Enhance parent, staff, and community communication opportunities							
4.4 Seek funds to provide dynamic info for community	Funds & communication portal	Tech Dir Curriculum Dir	\$26,000/yr (y1-2-3-4-5)	f-s-l	2009-2013 w/ AR in July	Presence of web portal	

**NC public schools will be governed and supported by 21st Century systems.
Strategic Technology Plan**

Goal 5: NC public schools will be governed and supported by 21st Century systems. *							
Strategic Goal: (Please check.) <input type="checkbox"/> Processes are in place for financial planning and budgeting that focuses on resource attainment and alignment with priorities to maximize student achievement. <input checked="" type="checkbox"/> Twenty-first century technology and learning tools are available and are supported by school facilities that have the capacity for 21st Century learning. <input type="checkbox"/> Information and fiscal accountability systems are capable of collecting relevant data and reporting strategic and operational results. <input type="checkbox"/> Procedures are in place to support and sanction schools that are not meeting state standards for student achievement.							
Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	Evaluation Results July, 2009
<i>Objective 5.1 Maintain and support Current 21st Century Globally Competitive Student Prog. Activities</i>							
<i>Objective 5.2 Maintain and support Current Healthy and Responsible Student Activities</i>							
<i>Objective 5.3 Maintain and support Current 21st Century Professional Activities</i>							
<i>Objective 5.4 Maintain and support Current Strong Family, Community and Business Support---DELETE</i>							
<i>Objective 5.5 Maintain and support 21st Century Systems Operations</i>							
<i>Objective 5.6 Improved District WAN and Internet Access will be secured</i>							
<i>Objective 5.7 Improve electronic resource uptime to five-nines through additional support personnel.</i>							
<i>Objective 5.8 Disaster Recovery will be improved</i>							
<i>Objective 5.9 Infrastructure will be expanded</i>							
<i>Objective 5.10 Infrastructure replacement schedule will be maintained</i>							
<i>Objective 5.11 Media Search will be expanded to home access</i>							
<i>Objective 5.12 Provide expanded access through wireless LAN's</i>							
<i>Objective 5.13 Maintain and support Effective & Efficient Operations through provision of telecommunication devices for support personnel</i>							
Objective 5.14 Provide communication & collaboration tools for administrative& instructional processes							
Seek funds to provide safe avenues for Web 2.0 tool usage	Funds & appropriate delivery system	Tech Dir Inst Tech Coor Curriculum Dir Tech Support Staff	\$25,000/yr Yr:1,2,3,4,5	f-s-l	2010-2013 w/ AR in July	Presence of collaborative system	

Appendix A

Transylvania County Schools Technology Plan
Policy, Procedure, & Guidelines Implementation Chart

Policies, Procedures, & Guidelines (Policies should be translated into predominant languages of students and parents)	LEA Policy Code or Procedure	LEA Date of Adoption, Implementation or Revision
<i>Policies Required</i>		
A. Materials Selection Policy (GS §115c-98(b))		
B. Disposal of Equipment / Replacement of Obsolete Equipment (GS §115c-518)		
C. Hardware and Software Procurement (GS § 115c-522, 115c-522.1)		
D. Copyright Policy (PL §94-553, 90 Stat. 2541)		
E. Acceptable Use Policy (PL §106-554)		
F. Equipment/Materials Donation Policy (GS §115C-518)		
G. Data Privacy Policy (20 U.S.C. § 1232g; 34 CFR Part 99 (FERPA))		
H. Inventory Control Policy (GS §115c-539, 115c-102.6A-C(5))		
I. Access to Services Policy (GS §115c-106)		
J. Student Discipline and Liability Policy (GS § 115C-391, 115C-398)		
K. Remote Access Policy (GS §147-33.111)		
L. Virus Protection Policy (GS §147-33.111)		
M. NC WISE ID and Password Workstation Policy (GS § 147-33.111)		
N. Security Awareness Policy (GS §147-33.111)		
O. Network Security Policy (SBE EEO-C-018, SB 991, 2004)		
P. Advertising and Commercialism Policy (GS §115c-98)		
Q. Electronic Stored Information Retention Policy	IIBH	8/18/2008
R. Wireless Communication and Electronic Devices Policy	Jl	8/18/2008
<i>Procedures</i>		
A. Hardware and Software Deployment		
B. Equipment maintenance and repairs		
C. Outdated Resources and Equipment Replacement		
D. Disaster Recovery of Data and Hardware		
E. Administration of Online Courses		
F. Other(s) (as needed by LEA)		
<i>Guidelines</i>		
A. Policy Translation		
B. Web Site Development		
C. Instructional Use of Videos		
D. Development of Online Resources		
E. Other(s) (as needed by LEA)		