

LOCAL SCHOOL SYSTEM TECHNOLOGY PLAN Components Required for Approval

Please attach these pages to the cover of your local school system 3-year technology plan. Indicate on the chart below where **each** required component can be located in your Technology Plan and how it aligns to your system's Master Plan.

* Required for Approval for Universal Service Program Discounts	Sec./Pg./ ¶ Nos.++	Tie to Master Plan+++
<p><u>Vision and Related Goals and Objectives</u></p> <p>*The role of technology, especially as it relates to student learning, teaching, and administrative functions.</p> <p>*Specific goals and objectives for using technology to be accomplished through the plan that are aligned to the school system Master Plan and <i>The Maryland Educational Technology Plan for the New Millennium: 2007-2012</i>.</p>		
<p><u>Improved Student Learning through the Integration of the Most Appropriate and Effective Technology and Digital Content</u></p> <p>*Description of how technology will be integrated into the curriculum and instructional activities, especially in support of the Maryland Voluntary State Curriculum, High School Core Learning Goals, Maryland School Assessment, and High School Assessment to improve teaching and learning.</p> <p>Description of how students are being prepared to master the <i>Maryland Technology Literacy Standards for Students (MTLSS)</i>.</p> <p>Description of digital content available to students and teachers for teaching and learning and how universal design is incorporated to meet the needs of all learners.</p> <p>Strategies for using advanced technology, distance learning, online courses and collaboration tools to improve teaching and learning.</p> <p>Strategies for using technology to help each subgroup of students to achieve.</p> <p>Description of strategies for providing instruction across all content areas regarding cybersecurity, cybersafety and cyberethics (C3).</p>		
<p><u>Professional Development to Improve Staff's Knowledge and Skills to Integrate Technology into Instruction</u></p> <p>*Strategies for assessing the current knowledge, skills, and attitudes of teachers and administrators related to instructional technology to inform professional development design.</p> <p>*Strategies for providing high quality, ongoing and sustained professional development for all teachers, administrators, and support staff.</p> <p>Strategies for ensuring that appropriate uses of instructional technology are integrated into all professional development initiatives.</p> <p>Strategies for improving the capacity of teachers, through the use of technology, to integrate technology effectively into curriculum and instruction.</p>		

<p>Strategies to assist educators in understanding, using and developing content that incorporates universal design and in effectively using assistive technologies to meet the needs of all students.</p> <p>Description of how teachers are being prepared to master the <i>Maryland Teacher Technology Standards</i> (MTTS).</p> <p>Description of how administrators are being prepared to master the <i>Maryland Technology Standards for School Administrators</i>.</p> <p>Demonstration of alignment of professional development to the <i>Maryland Teacher Professional Development Standards</i> and the <i>Maryland Instructional Leadership Framework</i>.</p> <p>Strategies for how the school system will work toward meeting <i>The Maryland Educational Technology Plan for the New Millennium</i> targets of one instructional technology infusion specialist for every 100 instructional and administrative staff members to assist with professional development and curriculum integration.</p> <p>Strategies for rewarding technologically literate teachers teaching in economically-disadvantaged areas to remain in those areas.</p> <p>Description of strategies for providing professional development for all educators regarding cybersecurity, cybersafety and cyberethics (C3).</p>		
<p><u>Use of Technology for Administrative Productivity and Efficiency</u></p> <p>Description of how technology will be used to improve management and operational efficiencies, including developing and implementing communication tools, data management systems, integrated student information systems, curriculum/content management systems and learning management systems.</p> <p>Strategies for providing electronic communication with students, educators, parents and the community.</p> <p>Strategies for providing access to digital resources, data and information before and after school hours.</p>		
<p><u>Equitable Access to Technologies Among All Stakeholders</u></p> <p>*Three-year projection of the type and amount of equipment, wiring, type and amount of software and online resources to be acquired to ensure successful and effective uses of technology, including assistive devices and other processes, to address the needs of all learners.</p> <p>*Three-year projection of the telecommunication services (voice, video, and data) and providers to be acquired.</p> <p>Description of how a secure computing environment is addressed to ensure safe access and information integrity.</p> <p>Strategies for how the school system will work toward meeting <i>The Maryland Educational Technology Plan for the New Millennium</i> targets of :</p> <ul style="list-style-type: none"> • One high-performance computer per educator; • One high-performance computer or computing device per student at the secondary level; • A 3:1 student to computer or computing device ratio at the elementary level; • One computer projection device per classroom; 		

<ul style="list-style-type: none"> • Access to other devices to meet the instructional needs of students; • Connection to a broadband speed LAN/WAN from every instructional and administrative area, including all re-locatable classrooms, to adequately support the use of high-quality digital learning resources; • Technical support using a locally established response system, including an adequately staffed, efficient help desk; • At least one full-time technical support person for every 300 computers; • At least one full-time LAN administrator per 40 servers; • At least one full-time WAN administrator per 25 sites. <p>Strategies for increasing parental involvement through the use of technology.</p> <p>Plans for addressing the technology needs of economically disadvantaged schools.</p> <p>Strategies for hiring, training and assigning technical and instructional support staff to maximize use of and access to technology.</p> <p>*Description of local school system Acceptable Use and Internet Safety policies and how these policies are communicated, implemented and enforced in compliance with the Children’s Internet Protection Act (CIPA); process and timeline for monitoring and updating the policies. Policies should address cybersecurity, cybersafety and cyberethics. (Note: Include a copy with the Plan)</p> <p>Strategies for ensuring that equipment, software, and online resources that are purchased and developed are accessible for all learners (COMAR 13A.05.02.13.H: Accessibility of Technology-Based Instructional Products; Education Article § 7-910: Equivalent Access for Students with Disabilities); process and timeline for monitoring and updating the policies. http://cte.jhu.edu/accessibility/Regulations.cfm</p>		

<p><u>Improvement of instructional Uses of Technology through Evaluation and Research</u></p> <p>*Process for evaluating how the use of technology is impacting student learning, especially in support of the Voluntary State Curriculum, High School Core Learning Goals, Maryland School Assessment, and High School Assessment.</p> <p>Process for evaluating how students are being prepared to master the <i>Maryland Technology Literacy Standards for Students (MTLSS)</i> and how educators are being prepared to master the <i>Maryland Teacher Technology Standards</i> and/or the <i>Maryland Technology Standards for School Administrators</i>.</p> <p>Method for evaluating the effectiveness of professional development in integrating technology into curriculum and instruction.</p> <p>Strategies for building the capacity of educators to use a research base to evaluate and implement instructional technology models, programs and content to improve teaching and learning.</p>		
<p><u>Assurance of Adequate Funding</u></p> <p>Include potential funding strategies and sources: local, state, federal (to supplement and not supplant other financial resources), and other sources.</p> <p>*Projected costs of wiring (and related electronics), equipment, software, online resources, and telecommunications services to be acquired and related expenses needed to implement the plan.</p>		

<p>*Funding projections for on-going maintenance, supplies, and replacement of outdated equipment and resources.</p> <p>*Projected budget allocation for professional development equal to at least 30% of requested hardware funds.</p> <p>Projected cost of implementing targets of the <i>Maryland Educational Technology Plan for the New Millennium: 2007-2012</i> over the five-year period, including process for determining the projection.</p>		
<p>Implementation Strategies and Action Plan</p> <p>*Process by which progress in implementing the plan will be reviewed and reported:</p> <ul style="list-style-type: none"> • Strategies for addressing needs identified from an analysis of data from the Maryland Technology Inventory and other sources. • Mechanism and timeline to monitor progress toward the targets. • Involvement of key stakeholders, especially parents, teachers, students, community, and district administrators, in developing, evaluating and revising the plan over time. • Strategies for communicating to key stakeholders the success of the plan and the importance of technology. <p>Implementation Plan that lists major activities, who is responsible, and timelines for implementation, including acquisition, integration, professional development, funding, communication, and evaluation.</p>		

++Indicate the page, section, and paragraph numbers where information is located.

+++Indicate the goals, objectives, or strategies from your Master Plan that align with the specific Technology Plan components.