



Rethinking the Vision

A Plan for the Infusion of Technology
in the
Prince George's County Public Schools



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Dr. André J. Hornsby
Chief Executive Officer





Rethinking the Vision: A Plan for the Infusion of Technology in the Prince George's County Public Schools

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Alignment to Maryland State Technology Plan and Prince George's County Public Schools Quality Schools Strategic Plan

<p style="text-align: center;">MSDE Tech Plan</p> <p><u>Overarching Goal:</u> To improve student learning in core content areas and in the technology knowledge and skills critical to our students' ability to contribute in today's information technology society</p>	<p style="text-align: center;">PGCPS Tech Plan</p> <p><u>Enduring Goal:</u> Improve student learning and technology literacy through the seamless integration of technology through all the facets of the educational system.</p>	<p style="text-align: center;">PGCPS Strategic Plan</p> <p><u>Mission Statement:</u> To ensure that all students acquire information and skills as well as the ability to apply their knowledge to become lifelong learners and productive citizens in a technological, diverse/global society.</p>
<p>Objective 1 Access to high performance technology will be universal.</p> <ul style="list-style-type: none"> • Equipment and Connections • Accessibility • Availability • Support 	<p>Objective 1: Access to technology will be universal to all participants in a child's educational development, and the existing digital inequity will be narrowed.</p> <p>Strategies:</p> <ul style="list-style-type: none"> • Streamline and economize business functions through the use of technology. • Complete and upgrade the LAN/WAN connection throughout the District. • Maintain and replace hardware to ensure access continues. • Ensure a safe and ethical online environment for all District students and employees. • Expand and enhance the use of distance learning including Interactive Television (ITV) and web-based instruction. 	<p>Strategy 1.1.4: Integrate technology into all curricular areas to increase students' skills, knowledge and attitudes to support learning.</p> <p>Strategy 3.2.3: Provide support and training for all administrators and certified teachers at the building-level to ensure their success.</p> <p>Strategy 4.2.2: Identify and prioritize school facility and capital improvement needs to adequately address system wide requirements.</p> <p>Strategy 6.1.2: Ensure that budget development and resource allocation processes are driven by program needs and results.</p>

	<ul style="list-style-type: none"> • Explore new transmission technologies as they become available. • Improve communications and learning related management through telecommunications such as voice mail, email, television, homework hotlines, web pages, District cable channel, the district intranet, and the Internet. • Continue to make technology available to the community at large to reinforce life-long learning. • Expand the use of education technology to address the needs of special and unique populations, including Special Education, ESOL/Language Minority, Talented and Gifted, homebound, suspended, expelled or incarcerated students. • Create a dissemination plan to ensure digital equity. 	
<p>Objective 2 All <u>educators</u> will be highly knowledgeable and <u>skilled</u>, capable of effectively using technology tools and digital content.</p>	<p>Objective 2: All school-based personnel will acquire the understanding and expertise to use and integrate technology effectively in the classroom.</p> <p>Strategies:</p> <ul style="list-style-type: none"> • Provide anytime anywhere professional development to personnel. • Promote self-assessment of professional needs and direction. • Seek additional funding for ongoing professional development. 	<p>Strategy 3.1.1: Develop and implement a comprehensive, systemic plan for providing courses and programs focused on teacher and paraprofessional certification requirements and improving teachers’ and paraprofessionals’ credentials.</p> <p>Strategy 3.2.3: Provide support and training for all administrators and certified teachers at the building-level to ensure their success.</p>

	<ul style="list-style-type: none"> • Vary approaches to professional development to maximize technology integration. • Provide professional development opportunities tailored for administrative technology leadership skills. • Maintain and expand web-based resources related to technology integration for instructional personnel. 	
<p>Objective 3 Technology tools and digital content that engage students will be seamlessly <u>integrated</u> into all classrooms on a regular basis</p>	<p>Objective 3: All teachers and students will routinely use technology tools and digital resources for teaching and learning.</p> <p>Strategies:</p> <ul style="list-style-type: none"> • Upgrade curriculum documents to reflect technology integration and to align with the Voluntary State Curriculum, the PGCPs Framework and Matrix of Technology Skills and Content Standards K-12. • Establish District-wide expectations relative to technology at the school level. • Maximize the instructional benefit of new technology resources. • Coordinate acquisition and implementation of grant initiatives that support integrating technology into curricula and instruction. 	<p>Strategy 1.1.4: Integrate technology into all curricular areas to increase students’ skills and knowledge to support learning.</p> <p>Strategy 5.1.2: Strengthen elementary, middle, and high school programs to increase the number of students who are fully prepared for a challenging academic/career-centered program, who can successfully transition to and complete post-secondary education, advanced training, military or employment, creating a seamless transition from school to careers.</p>

<p>Objective 4 Technology will be used effectively to improve school <u>administrative</u> functions and operational processes.</p>	<p>Objective 4: Technology will be used effectively to improve school administrative functions and operational processes.</p> <p>Strategies:</p> <ul style="list-style-type: none"> • Streamline and economize business functions through the use of technology. • Improve school-house student administrative functions through improved data collection and access. 	<p>Strategy 3.2.3: Provide support and training for all administrators and certified teachers at the building-level to ensure their success.</p> <p>Strategy 6.1.4: Develop monitoring, reporting, and management information systems that link resource use with performance, support compliance reporting, and facilitate program effectiveness and staff efficiency.</p>
<p>Objective 5 Effective research, assessment, and evaluation will result in <u>accountability</u> and continuous <u>improvement in the implementation</u> and use of technology.</p>	<p>Objective 5: Conduct effective research, assessment, and evaluation on the impact of technology use on student achievement, teacher skills, and administrative functions to achieve continuous improvement toward goals.</p> <p>Strategies:</p> <ul style="list-style-type: none"> • Utilize available MSDE evaluative tools to assess growth toward goals of this plan. • Utilize other sources of data, both quantitative and qualitative, within the district. 	<p>Strategy 1.1.5: Evaluate school-based and system-level programs to determine those that are effective and to modify or eliminate any programs that are ineffective.</p> <p>Strategy 3.3.3: Implement, for administrators, central office personnel, beginning and experienced teachers, and paraprofessionals a comprehensive staff development program that is driven by the school system’s needs assessment, goals, objectives, and driver actions.</p> <p>Strategy 6.1.4: Develop monitoring, reporting, and management information systems that link resource use with performance, support compliance reporting, and facilitate program effectiveness and staff efficiency.</p>