

Southern Boone County R-1 School District Technology Plan 2014-2016

Goal 1- Student Performance: Develop and enhance quality educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

Objectives	Strategies	Action Steps	MSIP5 Standards	Person(s) Responsible	Three (3) Priorities/Goals
<p>Objective 1: Eighty percent (80%) of all subgroups of students in grades 3-12 will score proficient or advanced on required assessments each year, as measured by Missouri Assessment Program (MAP), which includes grade level and end of course exams.</p>	<p>Strategy 1: District curriculum will be developed that uses research-based instructional strategies that are powered by technology.</p>	<p>Action Step 1: Teachers will use technology-based instructional strategies in their lessons and will be assessed as part of the teacher evaluation process.</p>	<p>TL-2(3), TL-2(4), I-11(6)</p>	<p>Principals, ETS, Teachers, Superintendent, Asst. Superintendent, Library Media Specialists</p>	<p>Student Performance</p>
		<p>Action Step 2: All teachers will be trained and encouraged to develop online testing to familiarize students with this testing format.</p>			<p>Teacher Resources</p>
<p>Objective 2: By 2016, the district will increase the percentage of students who meet technological literacy standards by the end of the eighth grade by 20%, as measured by technology literacy assessment based on the ISTE (formerly NETS*S) standards.</p>	<p>Strategy 1: The district will structure curriculum and learning opportunities to enable students to acquire technological skills identified within the NETS*S standards.</p>	<p>Action Step 1: The district will identify and develop technology safety curriculum to be implemented throughout the district.</p>	<p>R-1(3.b), R-1(6), R-2(4), R-3(1), I-8(4), -10(3), I-11(6)</p>	<p>Principals, ETS, LMS, Teachers, Assistant Superintendent,</p>	<p>Student Performance</p>
		<p>Action Step 2: Improved Student Technology Competencies Assessment will be developed for grade 8 and assessed annually</p>			<p>Student Performance</p>
<p>http://www.iste.org/standards/standards-for-students</p>	<p>Strategy 2: The district will use technology to extend and support student learning via alternative instructional (such</p>	<p>Action Step 1: Increase online course offerings both within the district and from other sources.</p>			<p>Student Performance</p>

	as online courses of classes with web-based content) delivery systems.	Action Step 2: Train teachers to utilize alternative learning environments including online and blended learning			Teacher Resources
Goal 2-High Qualified Staff: Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.					
Objectives	Strategies	Action Steps	MSIP5 Standards	Person(s) Responsible	
Objective 1: Annually, at least 85% of the professional staff will participate in at least 5 hours of technology professional development activities focusing on improving instruction and support for students who are not meeting educational benchmarks, as measured by annual technology professional development survey completed by teachers.	Strategy 1: District curriculum will necessitate educators to use research-based instructional strategies (such as eMINTS or equivalent) that are powered by technology and engage diverse learners in the excitement of learning through student-centered, collaborate, project- and inquiry-based lessons.	Action Step 1: Continue to support comprehensive eMINTS at the 4th grade level and expand Comprehensive eMINTS to other buildings/grade levels in the district.	I-11(1), I-11(2), I-11(4)	Superintendent, Asst. Superintendent, Principals, Teachers, ETS, LMS	Teacher Resources
		Action Step 2: Through local professional development, encourage teachers to develop online resources and require that vital class information be available on the web or in electronic form.			Teacher Resources

<p>Objective 2: By 2016, staff will improve their level of proficiency in using technology by 20%, as measured by a locally developed survey based on the ISTE (formerly NETS*T) standards.</p> <p>http://www.iste.org/standards/standards-for-teachers</p> <p>http://www.iste.org/standards-for-administrators</p>	<p>Strategy 1: District will provide professional development for teachers and administrators that results in technology proficiency; professional development is aligned with NETS*T and NETS*A, the National Educational Technology Standards for Teachers and Administrators (or equivalent).</p>	<p>Action Step 1: The district will develop teacher tech competencies based on the NETS*T standards. These competencies will be a consideration in teacher evaluations.</p>	I-11(4), I-11(5)	Asst. Superintendent, Principals, Teachers, ETS	Teacher Resources
		<p>Action Step 2: Encourage teachers to attend technology trainings by offering more in district training.</p>			Teacher Resources
		<p>Action Step 3: The district will identify teacher leaders in the area of technology in each building to serve as technology mentors.</p>			Teacher Resources

Goal 3-Facilities, Support , and Instructional Resources: Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

Objectives	Strategies	Action Steps	MSIP5 Standards	Person(s) Responsible	
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<p>Objective 1: Annually, district teachers and students will have access to educational technology at rates comparable to state averages.</p>	<p>Strategy 1: The district will provide equitable access to appropriate technology tools and resources that are varied and diverse and facilitate differentiated instruction (including electronic resources, assistive technologies, and technology-assisted tools and resources (such as eMINTS or equivalent) is provided.</p>	<p>Action Step 1: Increase the availability of technology in the classroom by expanded use of laptop carts and tablet technology.</p>	<p>I-11(2), I-11(3), I-10(3)</p>	<p>Principals, Instructional Technologist, Teachers, Superintendent, Library Media Specialist</p>	<p>Student Performance</p>
		<p>Action Step 2: Keep software updated and explore free alternatives (i.e. Google Docs).</p>			<p>Teacher Resources</p>
		<p>Action Step 3: Expand the use of eReaders in selected classrooms and technology for comprehensive eMINTS classrooms throughout the district.</p>			<p>Student Performance</p>

Goal 4-Parent and Community Involvement: Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.					
Objectives	Strategies	Action Steps	MSIP5 Standards	Person(s) Responsible	
Objective 1: There will be an annual increase of 20% in the number of school patrons who respond favorably to the school district's ability to communicate, as measured by a District Parent Survey.	Strategy 1: District will provide opportunities for parents and community to observe and use instructional technology; will involve a broad, diverse section of the community on the CSIP (and/or technology) planning committee; and will use technology to facilitate interactive communications among district staff, parents, and community members.	Action Step 1: Maintain and update the appearance and functionality of the district website to communicate information to students, parents, patrons, and visitors to our district.	I-11(5)	Tech. Dept, Tech Committee, Superintendent, ETS, Library Media Specialists, Principals, Teachers assigned to website duties	Infrastructure
		Action Step 2: Increase online services for parents' convenience			Infrastructure
		Action Step 3: Demonstrate the use of technology at school committee meetings, parent/teacher conference, and school open houses.			Teacher Resources
Goal 5-Governance: Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the					
Objectives	Strategies	Action Steps	MSIP5 Standards	Person(s) Responsible	

<p>Objective 1: Annually, the district will identify, obtain, and/or secure the resources needed to support quality educational programs and services. An annual 10% increase in satisfaction will be measured by surveys of parents, students, and staff.</p>	<p>Strategy 1: District will establish/update technology policies and procedures related to technology hardware, software, connectivity, and technical support standards, including student and educator technology literacy standards (replacement cycle, acceptable use, internet filtering, recovery, and security systems).</p>	<p>Action Step 1: Monitor the inventory of technology and infrastructure throughout the district</p>	<p>I-11(1), I-11(2), I-11(5), G-4(3)</p>	<p>QNS, ETS, Assistant Superintendent</p>	<p>Infrastructure</p>
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