

MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

**Comprehensive School Improvement Plan (CSIP) and
Education Technology Plan Summary**

SCHOOL YEAR(S): 2010-2013

DISTRICT: 039-141 SPRINGFIELD R-XII

Mission Statement: Springfield Public Schools exists for the academic excellence of all students.

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

Objective 1: Improve student performance in communication arts (Key Strategies: 1-12)

Objective 2: Improve student performance in mathematics (Key Strategies: 1-2, 4-12)

Objective 3: Improve student performance in science (Key Strategies: 1-2, 4-12)

Goal 2: Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/district mission, goals, and objectives

Objective 1: Recruit, develop, and retain high quality staff (Key Strategies: 2, 9, 13-16)

Objective 2: *Improve the availability and use of essential computer hardware* (Strategies: 6-8, 17-20)

Goal 3: Provide and maintain appropriate instructional resources, support services, and functional and safe facilities

Objective 1: Ensure a safe and nurturing environment for learning (Key Strategies: 1-2, 5, 16)

Objective 2: Provide and maintain facilities that are conducive for learning (Key Strategies: 2, 15)

Objective 3: Maximize the use of financial resources for student learning (Key Strategies: 2, 14, 22)

Objective 4: *Improve essential computer hardware and software needed to implement curriculum by grade level; maintain/improve 3:1 student to computer ratio; and, plan for refresh-and-replacement cycle* (Key Strategies: 23-24)

Objective 5: *Ensure that the appropriate training and use of instructional technology is provided to all students and staff* (Key Strategy: 25)

Objective 6: *Improve operational efficiency of instructional and non-instructional programs to track longitudinal data on student performance, staff performance, and efficient use of resources (Key Strategy: 26)*

Objective 7: *Improve the online processing of student information, and provide timely data to stakeholders (Key Strategy: 27)*

Objective 8: *Maintain and/or replace instructional technology (i.e. computers, document cameras, interactive white boards, LCD projectors, etc.) needed to implement the curriculum by grade level; plan for refresh-and-replacement cycle; and, maintain the I.T. resources necessary to effectively support the technology (Key Strategies: 23, 28)*

Goal 4: Govern the LEA/District in an efficient and effective manner providing leadership and representation to benefit the students, staff, and patrons of the district

Objective 1: Attain high levels of customer satisfaction (Key Strategies: 2, 13-14, 16, 22)

Objective 2: *Effectively and efficiently communicate critical information to key stakeholders via the district website and/or automated calling systems (Key Strategy: 29)*

Goal 5: Students will persist in their efforts to complete an educational program

Objective 1: Increase student engagement and responsibility for learning (Key Strategies: 1-2, 5-9, 14-15)

Objective 2: Increase student attendance (Key Strategies: 2, 5, 15, 26-27)

Objective 3: Optimize student/teacher ratios (Key Strategies: 2, 22, 30)

Objective 4: Improve graduation rate as measure by MSIP Standard 9.5 (Key Strategies: 1-2, 5-9)

Objective 5: *Maintain policies and procedures for technology use that support effective instruction and that are in compliance with federal, state and local requirements (Key Strategies: 31-32)*

Objective 6: *Maintain a dedicated technology budget for the hardware, software, infrastructure, connectivity, and maintenance necessary to support educational programs and administrative services (Key Strategies: 33-35)*

Objective 7: *Provide leadership in the implementation and use of district's technology resources (Key Strategies: 36-37)*

Objective 8: *Improve operational efficiency of instructional programs via an integrated data management (Key Strategy: 21)*

Key Strategies

Strategy 1: Analyze and revise current plan for increasing the performance of student subgroups

Strategy 2: Continue deployment of continuous improvement processes at all levels of organization

Strategy 3: Evaluate and develop recommendations for K-2 communication arts curriculum and instruction

Strategy 4: Use classroom walk-throughs (CWTs) with frequency goals for each level, analysis of results with teachers, and sharing of results at principals' meetings

Strategy 5: Implement K-12 feeder school action plans focused on persistence to graduation

Strategy 6: *Implement EDmin Performance Series Online Student Assessment program and related training plans with emphasis on how to use results to facilitate student learning*

Strategy 7: *Implement EDmin Achievement Series Online Student Assessment program, and related training plans with emphasis on how to use results to facilitate student learning*

Strategy 8: *Implement Cognos Data Warehouse and related training plans with emphasis on how to use results to facilitate student learning*

Strategy 9: *Identify capabilities students will need to be successful in the 21st century, and develop a related plan to integrate technology, instruction, and assessment for the development of these capabilities*

Strategy 10: *Engage students in rigorous instruction driven by technology-enriched curriculum that meets assessed needs, results in high levels of academic performance, and fosters life-long learning*

Strategy 11: *Implement up-to-date technology tools and resources to support curriculum objectives, and provide training in the use of the tools and resources (e.g., eMINTS or equivalent)*

Strategy 12: *Research the feasibility of virtual instructional programs for students, with consideration of 1:1 laptop strategy*

Strategy 13: Update, publish, and distribute a regional comparison of salaries and benefits of public schools

Strategy 14: Develop and implement online stakeholder input channels to continuously assess customer satisfaction and opinion

Strategy 15: Conduct site-based, quality learning environment reviews for buildings to determine number of buildings meeting established standards

Strategy 16: *Continue online application system focused on recruiting and hiring teachers*

Strategy 17: *Provide systematic training to teachers to build their capacity to integrate instructional technology for learning*

Strategy 18: *Provide training to teachers on the usage of online research resources*

Strategy 19: *Provide a technology training program utilizing online delivery systems such as Moodle (a free open-source software product – Modular Object-Oriented Dynamic Learning Environment for course management)*

Strategy 20: *Provide training for district and building level staff on the use of the SunGard Student Information System*

Strategy 21: *Continue to implement effective and efficient administration, data management, and communication processes for technology use that supports teaching and learning*

Strategy 22: *Monitor non-instructional expenditures annually to determine areas of possible reduction or elimination based on continuous improvement*

Strategy 23: *Replace and/or maintain outdated computer equipment on an annual basis and utilize aging computers to improve student-to-computer ratios*

Strategy 24: *Analyze human resource capacities necessary to effectively maintain and support increased technology*

Strategy 25: *Provide all personnel and students with appropriate and safe technology tools and resources to address personal, academic, and career needs, in a safe and responsible manner to include acceptable use policy and enforcement, Internet filtering, and recovery of data systems*

Strategy 26: *Maintain Cognos Data Warehouse system to integrate and collect data from student information systems (grades, attendance, discipline, etc), state assessment data, district assessment data, special education data, transportation data, human resource data and district finances*

Strategy 27: *Provide a centralized, web-based student information system for administrative functions (such as student information, attendance, grading, discipline, A+ tracking, transcripts, parent/student portal, etc.)*

Strategy 28: *Analyze the current life cycles and maintenance costs of equipment, and determine related fiscal requirements*

Strategy 29: *Maintain an electronic calling system that has the capability to notify parents, students and staff of emergencies, student absences/tardies, school closures, and other critical events*

Strategy 30: Analyze current student/teacher ratios, and develop budget requirements to achieve prioritized targets

Strategy 31: *Annually evaluate technology-related Board Policies*

Strategy 32: *Continue to expand, monitor, and improve network use agreement, firewall, and spam filtering to meet federal, state and local guidelines*

Strategy 33: *Identify and allocate funds for acquiring resources to meet improvement plan goals, including resources for professional development activities related to the effective and safe use of technology that is aligned with the NETS (National Educational Technology Standards), MIGS (Major Instructional Goals) & ISTE (International Society for Technology in Education) for teachers and administrators*

Strategy 34: *Continue to apply for funding through the Universal Service Fund (E-Rate) to obtain and support technology resources*

Strategy 35: *Continue to seek supplemental funding through available federal, state, local and business grants*

Strategy 36: *Designate staff to oversee, coordinate, and support the effective and efficient implementation of technology resources*

Strategy 37: *Update effective, long-range strategies detailing how technology supports teaching and learning, and administrative processes to meet the goals, objectives, and strategies of the district's CSIP*

Additional Requirement--Plan Monitoring and Evaluation: *Continuous improvement processes will provide the framework for monitoring and evaluating the 2010-2013 Technology Plan for Springfield Public Schools. A Technology Review Committee will annually review and evaluate progress. On-going monitoring (at least quarterly) will be conducted by the information and educational departments and will include analysis and review of status reports, classroom observations, comparisons with other districts, and customer feedback surveys.*