



Meramec Valley R-III  
School District

**2019-2022**  
**Technology Plan**

*Developed and approved by the Meramec Valley R-III  
Technology Committee*

*"Together We Make a Difference in Doing What's Best for Kids"*

## Technology Vision Statement

The Meramec Valley R-III School District is committed to an engaging, supportive, and challenging learning environment, which will provide an essential foundation for college and career readiness.

## Technology Mission Statement

The Meramec Valley R-III Technology Department will facilitate the integration of technology into all areas of the District, including student achievement, teacher preparation, professional development, administration, resource distribution, and technical support.

## Technology Committee & Planning Overview

The Meramec Valley R-III Technology Committee is a Board recognized committee, with final recommendations going to the superintendent for Board approval. The committee is chaired by the Director of Technology and is composed of representatives from each building, including teachers, administrators, support staff, media specialists, network specialists, and instructional technology facilitator.

It is the responsibility of the MVR-III Technology Committee to formulate a comprehensive technology plan with a vision for future technology needs that are essential to provide the highest quality education for our students. The technology committee has been reviewing what has been accomplished with the 2013-2016 Technology Plan, as well as creating the new three-year plan. While the Department of Elementary and Secondary Education (DESE) no longer requires districts to submit a technology plan, Meramec Valley R-III understands the importance of strategic planning and is committed to continue with the process of producing a three-year plan that aligns with the MVR-III Strategic Plan: Comprehensive School Improvement Plan (CSIP) and is in compliance with the Children's Internet Protection Act (CIPA).

## 2018-2019 Technology Committee

Matt Agee	Cathy Bearden	Sean Brinker	Dawn Bristow
Dena DeWitt	Michael Effan	Sara Faszold	Kim Fleming
Quinn Flexsenhar	Ken Grodie	Doug Howard	Chris Johnson
Justin King	Scott Kovic	Alison McAtee	Mike McAtee
Randy Meyer	John Mulford	Jenny Nahm	Amy Sauvage
Rachel Schremp	Carrie Schwierjohn	Dana Short	Christine Syron
Matt Trower	Katherine Wayne	Kelly Wilkins	

## **2019-2022 Technology Plan Format**

After compiling data and evaluating the strengths and weaknesses of the 2016-2019 Technology Plan goals, the revised Technology Plan will continue to align with and support the goals of the MVR-III Strategic Plan: Comprehensive School Improvement Plan (CSIP). The five Technology Focus Areas (TFA) have been updated to align directly with the five Target Areas defined in the Strategic Plan.

### **CSIP Goals**

- Goal 1: All MVR-III students will graduate college and/or career ready.
- Goal 2: MVR-III will recruit, attract, develop, and retain highly qualified staff yearly.
- Goal 3: All MVR-III students will learn in an environment that is collaborative, engaging, inclusive, innovative, and conducive to learning.
- Goal 4: MVR-III parents, students, and community members will actively participate in two-way communication to support student learning.
- Goal 5: MVR-III will be governed to provide fiscal resources and leadership that benefit students, staff, and parents.

### **Technology Focus Areas:**

- Student Learning
- Highly Qualified Staff
- Facilities, Support, and Instructional Resources
- Parent & Community Involvement
- Governance

## TFA 1- Student Learning

CSIP Goal: Student Achievement - All MVR-III students will graduate college and/or career ready		
Goal	Objective	Action Step/Strategy
Goal 1: Increase integration and implementation of technology into curriculum and instruction to improve student performance.	Objective 1: Expand anywhere/anytime learning opportunities to meet students' educational needs.	1.1 Increase awareness of virtual courses provided through Launch. 1.2 Expand flipped and blended classroom opportunities. 1.3 Increase the use of digital textbooks and online resources. 1.4 Research mobile hotspots for home access and/or WiFi on trip buses.
	Objective 2: Provide students with opportunities to use appropriate technology to assist in all learning environments.	2.1 Continue to maintain 1:1 initiative for students. 2.2 Continue to expand devices used for learning centers in Kindergarten and 1st grade classrooms. 2.3 Increase technology integration in specialized areas (Art, Music, PE, etc.). 2.4 Incorporate technology integration in the PK classroom.
	Objective 3: Integrate technology-based tools and resources to differentiate classroom instruction.	3.1 Expand use of technological resources to provide extension opportunities for students who have mastered concepts. 3.2 Explore additional interactive online resources for student practice and adaptive re-teaching.
	Objective 4: Integrate Internet and technology safety into all areas of the curriculum.	4.1 Implement curricula supporting digital responsibility, awareness, and safety. 4.2 Maintain a library of Internet safety resources.

## TFA 2: Highly Qualified Staff

CSIP Goal: Highly Qualified Staff - MVR-III will recruit, attract, develop, and retain highly qualified staff yearly		
Goal	Objective	Action Step/Strategy
Goal 1: The increased use of educational technologies in teacher preparation and delivery of instruction will improve student achievement.	Objective 1: Provide ongoing professional development opportunities to assist teachers to effectively integrate technology into teaching and learning.	1.1 Provide individual support based on teacher feedback. 1.2 Continue quarterly instructional technology building visits to promote voluntary staff participation. 1.3 Expand opportunities for off-site technology training through the use of online video libraries and virtual learning resources. 1.4 Encourage administrators and teachers to leverage the instructional technology coach as a resource. 1.5 Expand and promote online resources for teachers to assist with enhancing instruction.
	Objective 2: Teachers will adopt the use of technology to deliver instruction and to monitor and assess learning.	2.1 Provide training and resources for all certified staff to become Google Certified by 2022. Incoming certified staff should become Google Certified within the first 3 years of employment. 2.2 Provide staff development on technology-based strategies as a vehicle for differentiated instruction. 2.3 Provide training as needed for faculty and staff to promote available virtual courses and the requirements needed for students to participate. 2.4 Create district-level expectations to effectively incorporate the Four Cs (Communication, Collaboration, Critical Thinking, Creativity) into technology usage and lesson planning.
	Objective 3: Increase administrators' awareness of effective use of instructional technology in the classroom.	3.1 Assist building-level administrators in evaluating effective use of instructional technology in the classroom.  3.2 Showcase education technology to building principals monthly.

### TFA 3: Facilities, Support, and Instructional Resources

**CSIP Goal: All MVR-III students will learn in an environment that is collaborative, engaging, inclusive, innovative, and conducive to learning.**

Goal	Objective	Action Step/Strategy
<p>Goal 1: MVR-III will provide and maintain appropriate instructional resources, support services, and functional, safe facilities.</p>	<p>Objective 1: Provide all buildings with technological resources to enhance the teaching and learning process.</p>	<p>1.1 Classroom equipment should be evaluated annually to determine to determine replacements/upgrades as needed.                      1.2 Continue to upgrade/replace display technology in all classrooms.                      1.3 Increase technology resources at the Early Learning Center for PK classrooms.</p>
	<p>Objective 2: Provide appropriate technology tools that are varied and diverse that will facilitate differentiated instruction and alternate learning environments.</p>	<p>2.1 Research a mobile hotspot program for students with limited/no Internet access at home.                      2.2 Research adding Wi-Fi to limited number of trip buses.                      2.3 Research and assist with implementation of STEM resources in media centers.</p>
	<p>Objective 3: MVR-III will continue to update and maintain a robust network infrastructure.</p>	<p>3.1 Monitor and maintain wireless infrastructure district-wide to ensure consistent access for student learning.                      3.2 Upgrade access points at elementary sites.                      3.3 Maintain and upgrade network equipment and software to keep a secure and reliable network.                      3.4 Upgrade and maintain network storage solution with appropriate backup/duplicating procedures.</p>
	<p>Objective 4: Provide experienced personnel to support all technology use in each building.</p>	<p>4.1 Provide support for students and teachers in the 1:1 environment.                      4.2 Annually evaluate the distribution/collection procedures for 1:1 buildings.</p>
	<p>Objective 5: Provide a safe and secure environment for all students, staff, and stakeholders.</p>	<p>5.1 Maintain current security camera system; upgrade software/server as needed.                      5.2 Expand on current Data Governance and Security policies by creating and implementing specific practices and procedures.                      5.3 Maintain and upgrade network equipment and software to keep a secure and reliable network.                      5.4 Evaluate current content filter; research different solutions.</p>

## TFA 4: Parent & Community Involvement

CSIP Goal: MVR-III parents, students, and community members will actively participate in two-way communication to support student learning.		
Goal	Objective	Action Step/Strategy
Goal 1: MVR-III will use technological resources to promote, facilitate, and enhance parent, student, and community involvement in educational programs.	Objective 1: District will utilize a variety of media to facilitate communication with parents and patrons of the community.	1.1 Implement a new website to improve appearance, information, and communication abilities. 1.2 Continue to increase communication through social media platforms. 1.3 Investigate implementing online registration, allowing new families to pre-register and existing families to update enrollment information annually. 1.4 Increase community and student presence in district committees.
	Objective 2: District will provide parents with access to their student's pertinent information (grades, homework, attendance, etc.).	2.1 Continue to promote and provide information about Parent Portal access through student information system; provide information about how to access the system. 2.2 Continue bi-monthly reports sent via email from Pulse with grades and attendance; update attendance messages to reflect district policy. 2.3 Provide parent/community training opportunities for multimedia tools, parent information tools, etc.

## TFA 5: Governance

**CSIP Goal: MVR-III will be governed to provide fiscal resources and leadership that benefit students, staff, and parents.**

Goal	Objective	Action Step/Strategy
<p>Goal 1: MVR-III will identify, obtain and/or secure the resources needed to support quality education programs and services.</p>	<p>Objective 1: The district will develop a plan that defines the long range technology goals of the district and identifies processes for allocating funds for acquiring technology to meet plan goals.</p>	<ol style="list-style-type: none"> <li>1.1 Continue to review and maintain a three-year technology plan.</li> <li>1.2 The district will establish and maintain a sufficient budget to cover technology hardware and software.</li> <li>1.3 Capitalize on grant opportunities (Vocational Enhancement, 50/50 Career Ed, E-Rate, etc.).</li> </ol>
	<p>Objective 2: Technology resources, such as hardware and software, will be retained and maintained in an equally distributed manner.</p>	<ol style="list-style-type: none"> <li>2.1 Develop and implement a process to maintain an accurate inventory of technology resources.</li> <li>2.2 Annually identify and create a technology retirement list to surplus older equipment.</li> <li>2.3 Create a process based on inventory to ensure outdated technology is being refreshed each year or as budget allows.</li> </ol>