

Microsoft Technology Classroom Readiness (MTCR) Initiative

DPSCD's MTCR Initiative is a district-wide effort to give each DPSCD's school an opportunity to utilize a dynamic platform that will provide valuable Microsoft technology applications to principals, teachers, and students through the platform of the Microsoft Imagine Academy (MIA) program. Qualified DPSCD's schools are provided an opportunity to meet Microsoft's requirements to become a Microsoft Showcase School. Only DPSCD's high and middle schools qualify to implement the Microsoft Imagine Academy (MIA) program which awards five hundred state funded licenses for Microsoft certifications per school for students and twenty-five licenses for administrators and/or teachers. Dr. Golden, Lead staff of DPSCD's department of Information Technology is spearheading the implementation of the MTCR initiative to foster the use of Microsoft's 21st century technology-based applications throughout our schools as DPSCD continue to foster a culture of educational excellence to our Detroit schoolers.

The implementation process of the Microsoft Imagine Academy (MIA) is unique. Each DPSCD's school principal will determine how to implement the program in which will best serve his or her students. Principals will delegate a team leader for each school. It is recommended that MIA licenses be distribute to students on a first come first serve bases. MIA can be integrated within the school's curriculum and/or presented within a classroom environment. Each selected qualified student (6th to 12th graders) who participate in MIA will receive e-learning Microsoft Imagine Academy's materials to study and meet requirements of passing certification testing and thus, become Microsoft certified. The State of Michigan and Microsoft has approved that if any of the number of five hundred State awarded licenses are left over after serving our DPSCD students, these licenses can be offered to selected parents of students who are actively involved in participating in the school's activity/events at the designated school. Parents must meet requirements created by the DPSCD's school principal to participate in the MIA.

The MTCR Initiative is based upon principals and teachers utilizing the Microsoft Educator Community (MEC) and its dynamic technology-driven resources. The link to enroll in MEC is accessed through the DPSCD's Employee Online Training Center (EOTC). MEC provides educators with a platform to complete dynamic e-learning courses and learning tracks that offer a wealth of technology evidence-based instructional approaches and resources to impact students' learning and foster educational excellence. Only administrative educators, principals and teachers can join the MEC. After completing these training requirements, educators can submit evidence of completion attached to a request to the State of Michigan to ask that this information serve as a source of professional development to earn State Continuing Education Clock Hours (SCECH). The MTCR initiative focuses on supporting and empowering DPSCD's administrators' educators, principals and teachers with innovative Microsoft Office 365 Suite skills and abilities to utilize Microsoft applications to impact and improve student learning outcomes.

Qualified Microsoft Showcase Schools:

- Receive global recognition by being placed on Microsoft Showcase School list (updated monthly)
- Receive a quick start guide filled with assets and resources to support school leaders
- Will be enrolled into a global community of practice which reaches over 1,000 other school leaders via Microsoft's social channel, Yammer.
- Will be provided a platform where school leaders can receive a monthly e-newsletter with the best of Microsoft Teaching and Leading resources
- Receive early updates (via Microsoft's newsletter and social communities) on new products, offers and opportunities
- Can obtain current resources for leaders and leading educators available from the Microsoft Educator community
- Participate in quarterly global connect calls



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Initiative Microsoft Showcase Schools



The Microsoft Showcase Schools program is a leadership-focused initiative to highlight innovative leading and teaching across globally recognized schools. As a Showcase School, leadership teams are part of a professional community that recognizes and amplifies the use of technology to drive transformation and efficiencies school wide. Showcase Schools are recognized leaders in personalized learning, amplified by 1:1 deployment effectively using Microsoft solutions (e.g., Surface, Office 365, Office Mix, OneNote, Skype), to enable anywhere, anytime education for all students.

Showcase Schools

Exemplify: Leadership

- School leaders have implemented clear improvement plans to drive transformation leveraging digital
- School leaders choose Microsoft technologies that are used in classrooms

School Capacity

- School designs and delivers professional development for staff to integrate digital learning
- School hosts visitors and share best practices of using Microsoft technology for teaching and learning.

Teaching and Learning

- Digital education is integrated across curriculum
- Personalized learning approaches are highlighted
- Science, technology, engineering, and math (STEM) are a strong curriculum focus

Technical Capacity

- School integrates Windows devices, [Office 365](#), [OneNote](#), and other technologies Device density facilitates 1:1 device learning when appropriate to the curriculum

Opportunities For Showcase Schools

- Recognition and promotion via social media and other Microsoft channels
- Inclusion in an exclusive global online professional community for the entire leadership team of the school
- Access to partner product trials and Microsoft early adoption opportunities and pilots Opportunities to share their expertise with world-renowned educators and specialists to scale their innovations
- Consulting opportunities within the Microsoft's Educational ecosystem
- Eligibility to join invitation-only special events from Microsoft
- Support to share success stories using Microsoft solutions with peers and policymakers
- Support to host tours and events from local and international visitors, and Microsoft executive and field teams to view Microsoft solutions in action
- Promotional materials including digital signage, signatures, and other resources
- Support for the work of their Microsoft Innovative Expert Educators

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Microsoft Imagine Academy

Join Today! Community members of the Imagine Academy program will get a full curriculum for teaching technology courses and learning tools that help students achieve success.



Imagine Academy enables teachers to offer training not only on fundamental technology skills, but also technical courses for your students, faculty plus staff who are interested in pursuing a career in IT after graduation.

Imagine Academy is a complete technology education solution connecting staff, teachers, students, employers, and local communities through leading-edge technology skills development that leads to certification.

Learning Paths

- **Productivity.** Help students learn to be productive using Microsoft Office and other software tools for a wide range of jobs and other life pursuits.
- **Computer science.** Prepare students for college and career roles in software and app development.
- **IT infrastructure.** Provide the core technical skills required to build a sustainable technology career managing infrastructure for cloud, clients, devices databases, and Office 365.
- **Data Science (Coming in 2017).** Builds on core Excel and database fundamental skills by providing students with advanced skills for querying, analyzing and visualizing data.

Certifications Available to Secondary Students

- **Microsoft Office Specialist (MOS)** certification validates knowledge of Microsoft Office skills that are valuable to demonstrate productivity in a wide range of jobs and other life pursuits. Earning MOS certification proves the ability to use Office applications for on the job needs and provides valuable distinction to help students enter higher education or the workforce. "Earning an MTA certification is recommended but not required to pursue higher technology certifications."
- **Microsoft Technology Associate (MTA)** certification validates understanding of basic technology concepts in software development and information technology. Earning MTA certification proves a foundation of knowledge about technology along with the capability and commitment to do entry-level IT jobs. Becoming a Microsoft Technology Associate can give you a strong base to support further learning in computer science or IT infrastructure.

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