In 2012, the Michigan Legislature set forth a vision and provided funding to prepare Michigan schools for the transition from paper-pencil assessments to online state assessments. Michigan’s educators were also faced with the challenge of how to support student achievement in more effective and efficient ways. The two biggest issues they encountered were a lack of technological infrastructure and innovative capacity available to schools. Stemming from these needs, the Michigan Department of Education (MDE) administered a comprehensive competitive grant program that would meet the need to test online, as well as build the foundation for supporting student achievement through a statewide technology infrastructure.

During the 2012-13 school year, the Technology Readiness Infrastructure Grant (TRIG) program was deployed. The unique and collaborative design guaranteed the legislative vision would be met and educators would soon have the infrastructure needed to support student achievement. The grant was structured to provide long-range efforts that built a sustainable, systematic infrastructure of ubiquitous access, actionable data, and personalized learning for students and educators across Michigan.

TRIG is now coming to an end, but efforts during the grant window have anchored these projects in a sustainable framework that supports the interaction between learners, educators, strategic partners and the systemic infrastructure. What follows is a brief update on the work that will continue far past the conclusion of the Technology Readiness Infrastructure Grant.

**PERSONALIZED LEARNING**

**EduPaths:** EduPaths is used across the state to provide all instructional staff in Michigan with opportunities for continued professional learning. As of June 2017, there have been more than 11,000 completed enrollments of EduPaths courses. MISEN will be the fiscal agent, which will allow the work of EduPaths to continue. [www.EduPaths.org](http://www.EduPaths.org)

**MiOpenBooks:** The Michigan Open Book project has empowered groups of master teachers to come together to develop open educational resources (OERs) for use in classrooms around Michigan. There have been more than 300,000 downloads of these k-12 social studies resources to date. MAISA will sustain the work done during TRIG to ensure these resources remain current and available to Michigan students. [www.textbooks.wmisd.org](http://www.textbooks.wmisd.org)

**Total Site Transformation (TST):** TST has provided a great launch for 22 schools statewide to implement 1:1 learning. Best practices about technology integration strategies will be captured and shared as EduPaths modules. [www.22iTRIG.org](http://www.22iTRIG.org)

**ACTIONABLE DATA**

**Michigan Technology Readiness Assessment Tool (MTRAx):** In the coming years MTRAx will be able to support the continued need for data related to the technology environments throughout the state to inform technology planning activities at the state level, as well as to support planning at MDE for the Every Student Succeeds Act (ESSA) and Comprehensive Needs Assessments (CNA). MAISA will work to ensure this resource remains capable and accessible to support this work.
**Michigan Data Hub:** The goal of the Michigan Data Hub is to create an environment where information can be efficiently exchanged resulting in a significant reduction in resources devoted to bridging data systems, increased data quality and easier access to timely and actionable data for educators to use. Funding for the Michigan Data Hub has been included in Section 22m of the school aid budget to sustain the project for the benefit of schools across Michigan. [www.22iTRIG.org](http://www.22iTRIG.org)

**Data Services Collaborative (DSC):** Work done by DSC grants have launched projects that will continue far beyond the TRIG funding window. Collaborative partnerships with MAISA, MPAAA, and REMC will provide added value and return on investment in the areas of Next Generation Science Performance Assessments, Green Pupil Accounting and Cooperative Purchasing.

**EQUITABLE ACCESS**

**State Education Network (MiSEN):** MiSEN will continue to work towards connecting 100% of Michigan’s ISDs, LEAs and PSAs with the networking capacity needed to ensure bandwidth is not an impediment to achieving goals in the classroom. The work of MiSEN and the Michigan Educational Technology Leaders (METL) will continue the long term sustainability of this robust network. [www.22iTRIG.org](http://www.22iTRIG.org)

**E-Rate:** This statewide project will continue to ensure that every Michigan school receives the most competitive price possible for Internet access and connectivity. As a result, schools will be able to acquire the bandwidth needed for online assessments and in turn, that will enhance the educational process year round. The Michigan Department of Education will continue to support this work in collaboration with the State Education Network (MiSEN). [www.michigan.gov/erate](http://www.michigan.gov/erate)

**Strategic Readiness Support (SRS):** SRS activities during sustainability are designed to identify and assist schools that remain least prepared for online assessment by providing strategic human and financial support that increase readiness and change structures so readiness can be maintained. MAISA and ISD technology leaders will work to support districts to test successfully online during the 2017-2018 school year. [www.22iTRIG.org](http://www.22iTRIG.org)

**Device Purchasing:** Given the success of the statewide Device Purchasing Activity managing a short-term, high-volume bid, this process will continue as long as district demand warrants the need and it continues to be cost-effective. While there are no longer device incentive funds available, the management of this annual statewide bid has been transitioned to the REMC SAVE Bid Project. [http://www.remc bids.org/](http://www.remc bids.org/)

**Questions?**

Please contact Dave Cairy at [dcairy@gomasa.org](mailto:dcairy@gomasa.org) or 616.302.7686