



# TECHNOLOGY READINESS INFRASTRUCTURE GRANT

*Technology Readiness in Michigan*

## FOCUS OF TRIG:

The development or improvement of a district's technology infrastructure, including, but not limited to, hardware and software, in preparation for the planned implementation in 2014-2015 of online growth assessments.

## CONNECTIVITY

- State Education Network (SEN) Design
- SEN Build

## COLLABORATIVE SERVICES

- Data Integration
- Device Purchasing
- E-Rate

## PROFESSIONAL LEARNING

- Operations Office
- MTRAx
- Classroom Readiness
- Assessment and Curriculum

Website: [www.22itrig.org](http://www.22itrig.org)



## Benefits that districts in Michigan are already receiving from TRIG resources:

- **10,000+** educators training to be technology ready
- **Over \$15 million** saved through device purchasing programs
- **\$30 million** direct benefits to local districts

## In addition:

- **\$9,587,474** savings on devices over educational list price
- **54,831** total devices purchased

## GRANT GOALS

- Statewide interconnected network to support reliable unencumbered access to online assessments.
- Establish collective purchasing contracts for learning devices and online content.
- Leverage regional networks to facilitate consolidation and increase the level of network-based services available to all regions.
- Build capacity to assist educators in planning and implementing the best practices and technology required to support the next generation of assessment, teaching and learning.

## FINANCING FOR YEAR ONE

|  |                     |
|--|---------------------|
| <b>Funds to Local Districts and Consortia</b><br>• Category One, Two, and Four | \$15,905,400        |
| <b>Funds to Activities</b><br>• Category Three                                 | \$18,094,600        |
| <b>Funds to Connectivity</b><br>• Category Five                                | \$16,000,000        |
| <b>Total</b>   | <b>\$50,000,000</b> |

## TRIG STEERING COMMITTEE

|  |                                     |
|--|-------------------------------------|
| <b>Greater MI Education Consortium</b>     | Luke Wittum & Tammy Evans           |
| <b>Rural Northern Michigan Consortium</b>  | Tim Davis & Mike Richardson         |
| <b>Kent ISD Consortium</b>                 | Glen Finkel & Phil Carolan          |
| <b>S.W. Michigan Consortium</b>            | Holly Norman & Brian Schupbach      |
| <b>iMTRLC Consortium</b>                   | Lisa Lockman & Tom Johnson          |
| <b>Evaluation Consultants – non voting</b> | Michelle Johnston & Karen Mlcek     |
| <b>MAISA Representative – non voting</b>   | David E. Schulte, Superintendent    |
| <b>MDE – non voting</b>                    | Bruce Umpstead                      |
| <b>TRIG Staff – non voting</b>             | Tim Hall, Jan Vogel & Summer Franck |

Consortia: **Intra-Michigan Technology Readiness Leadership Consortium (Wexford-Missaukee ISD)** \* **Greater Michigan Educational Consortium (Genesee ISD)** \* **Kent ISD Consortium (Kent ISD)** \* **Rural Northern Michigan Consortium (Copper Country ISD)** \* **Southwest Michigan Consortium (Kalamazoo RESA)**

## CONNECTIVITY

**State Education Network:** Project Manager, Dave Childs

**Activity Overview:** Network connectivity plays a key role in efforts to eliminate duplication and – in the case of K-12 – meet the growing demand for bandwidth required by on-line testing and “Any Time, Any Place, Any Way, Any Pace” learning. The funding will help leverage existing K-12 networks to meet the increased need for bandwidth required by these initiatives.

## COLLABORATION SERVICES

**Data Systems Integration:** Project Manager, Don Dailey

**Activity Overview:** The outcomes for data systems integration is to develop a data hub architecture; implement data hub hardware and software; build connectors from data hub to a variety of data systems; replicate data hubs regionally and provide capability to aggregate data from regional data hubs. The benefits to districts are it will eliminate redundant data entry and replace expensive data bridging services as well as provide efficiencies as districts are able to work with more common systems.

**Device Purchase:** Project Manager, Karen Hairston

**Activity Overview:** This phase of the grant is involved in developing, issuing and administering statewide bids for personal computing devices and desktop computers to support online testing and the "Any Time, Any Place, Any Way, Any Pace" initiative. These devices once purchased and deployed, can and will be used by school districts and charter schools for online testing.

**E-Rate:** Project Manager, Bill Thompson

**Activity Overview:** Ensuring that all schools can afford to purchase the needed connectivity is a critical foundation for high-stakes assessments. This statewide project will 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 that will enhance the educational process year round.

## PROFESSIONAL LEARNING

**TRIG Operations Office:** Project Director, Tim Hall

**Activity Overview:** Oversight of operations of grant, oversight of statewide activities of grant, and evaluation of grant.

**Michigan Technology Readiness Assessment Tool (MTRAx):** Project Manager, Matt Lindner

**Activity Overview:** This activity seeks to establish a state-wide technology readiness planning process through the deployment of MTRAx to all schools (LEAs, PSAs and ISDs) in the state. The MTRAx application will use data about the technology device and network environment provided by each district to gauge that district's readiness for online testing at the building, district and ISD level based on predetermined criteria for the requirements for online testing (e.g. number and specification of devices available, network bandwidth and others).

**Classroom Readiness:** Project Manager, Melissa White

**Activity Overview:** The goal for Classroom Readiness is to build the capacity of Michigan educators to effectively plan and implement online assessments and "Any Time, Any Place, Any Way, Any Pace" learning through increasing technology proficiency. Using a train-the-trainer model, this pilot project will provide collaboration opportunities for a statewide professional development network of K-12 educators with a training ground and resource base to improve technology proficiency and local district readiness for online assessments.

**Assessment & Curriculum:** Project Manager, Amber Kowatch & Lisa Lockman

**Activity Overview:** Assessment & Curriculum will focus on giving schools the knowledge, skills, and resources to help teachers effectively use the data from assessments to inform classroom instruction and help support student learning. Resources will be developed through a partnership with the Michigan Assessment Consortium to support formative assessment practices, balanced assessment systems, and management of ongoing assessments within a school or classroom.