TRIG 4.0 Report

Grant Period: January 2016 to September 2017

TRIG 4.0

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September 30, 2017

TRIG Intended Purpose

The charge by the Legislature, through a competitive grant program that required collaboration, led to the great vision we as a state work towards now: to empower every student in Michigan to excel at next generation assessments, to leverage technology for learning, and to achieve lifetime success in a global economy.

TRIG continues to prepare Michigan schools for online assessment and learning by implementing the following three goals:

1. Developing and implementing collaborative purchasing arrangements for statewide network services and personal earning and assessment devices.

2. Establishing sustainable, cost-effective collaborations of technology and data related services to assist schools and districts to become "test ready."

3. Building the capacity of educators at ISDs, public school districts, and public school academies to effectively plan and implement online assessments and "Any Time, Any Place, Any Way, Any Pace" learning.

TRIG 4.0 Awarded & Expended Funds

Data Integration, $2,200,000

Device Purchasing , $9,250,000

Administration, $500,000

E-Rate, $300,000

District Participation Funds, $11,250,000

Total: $ 23,500,000
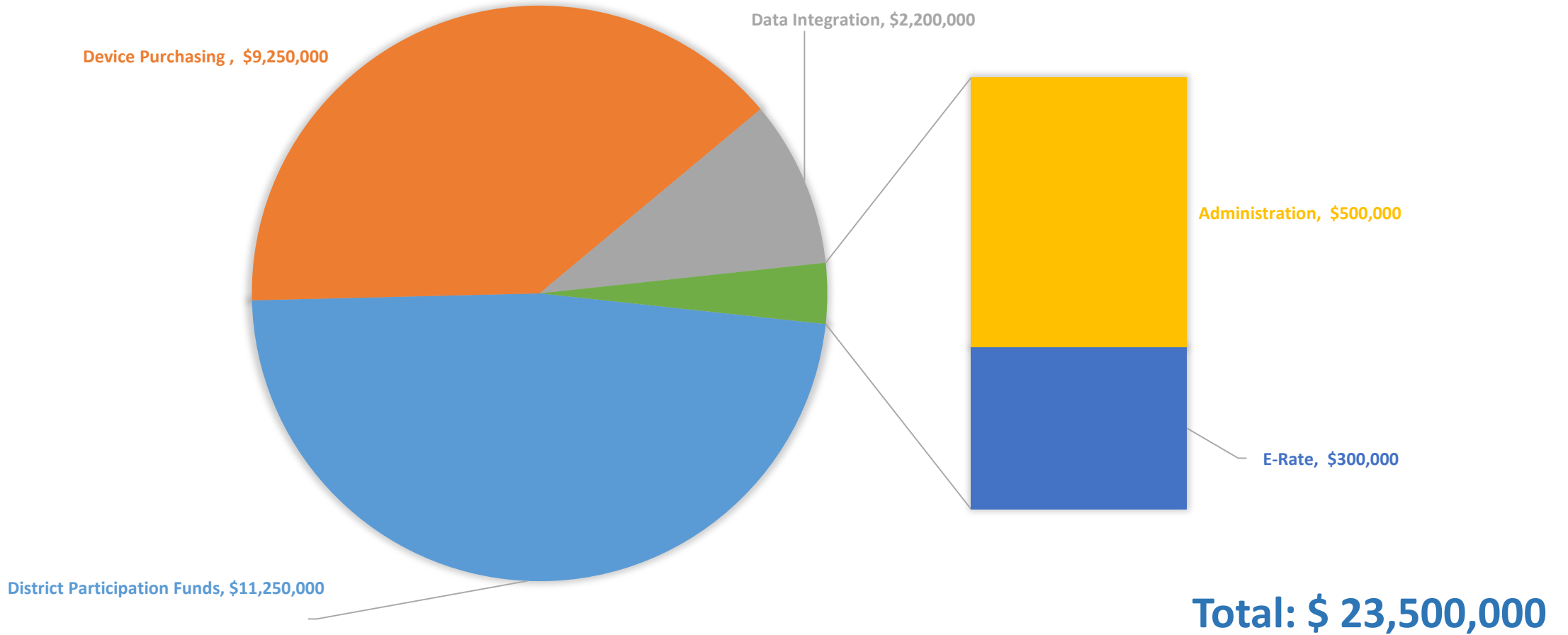
TRIG 3.0 & 4.0 Cost Savings for Districts

4.0 & 3.0 WORK PROJECT TRIG

Direct, Indirect, and Value Added Savings: $ 111,628,406		
Description:	**Indirect**	**Direct**
Participation Funds		11,269,077
Assessment & Curriculum	19,919,081	
Data Integration	2,000,000	400,300
Data Services Collaboratives	11,392,720	
Device Purchasing	53,773,251	9,250,000
E-Rate	837,079	
MTRAx	278,964	
Administration	55,610	
Strategic Readiness Support		2,452,324
TOTAL	**88,256,705**	**23,371,701**
TOTAL Indirect & Direct		**111,628,406**

TRIG 1.0/2.0/3.0/4.0 Cost Savings for Districts

2016-17
- Total Return Direct & Indirect Funds: $111,628,406
- Total Award: $23,500,000

2015-16
- Total Return Direct & Indirect Funds: $60,644,153
- Total Award: $41,475,880

2014-15
- Total Return Direct & Indirect Funds: $76,915,585
- Total Award: $44,995,900

2013-14
- Total Return Direct & Indirect Funds: $56,721,118
- Total Award: $50,000,000

Legend: ■ Total Return Direct & Indirect Funds ■ Total Award
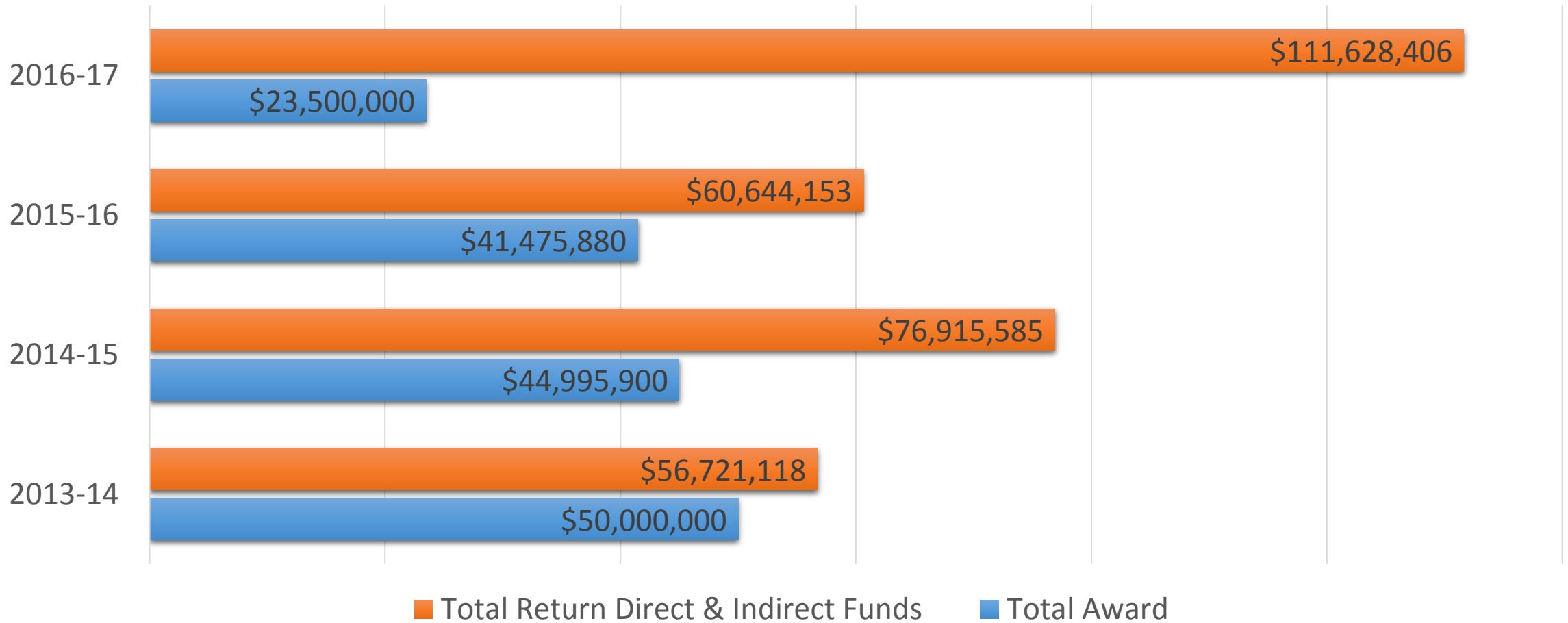
TRIG Activity: Data Integration

TRIG Project Manager for the Activity: Don Dailey

Consortium Leader: Southwest Michigan Consortium

Fiscal Agent: Kalamazoo RESA

Data Integration

Advisory Committee Members:

- Trina Anderson, CEPI
- Phil Carolan, Lenawee ISD
- Glen Finkel, Kent ISD
- Tom Howell, CEPI
- Doug Jarvi, Copper Country ISD
- Dave Judd, MDE
- Jason Kronemeyer, Eastern UP ISD
- Kristi Martin, Macomb ISD
- Doug Olson, TBAISD
- Kurt Rheaume, Wayne RESA
- Michelle Ribant, MDE
- Joyce Sackleh, Oakland Schools
- Brian Schupbach, Kalamazoo RESA
- Melissa Tront, St. Joe County ISD

Focus: To streamline the use of educational information statewide.

Deliverables/Accomplishments:

- ➢ 5 Data Hubs fully functional
- ➢ 6 Student Information Systems integrated
- ➢ 153 Districts with live data in the hubs
- ➢ 3 Certified integrations (BrightArrow, Career Cruising, USA Scheduler)
- ➢ 2 Integrated state iniatives (MiLEARN and MiExcel)
- ➢ Ability to generate MSDS files and run CEPI error checks against district data
- ➢ Free dashboard and early warning System (EWS) available to all districts with live data
- ➢ MTRAx integrated with data hub single sign-on for easy access between systems
- ➢ $2.2M of continued funding provided for in Section 22m will allow for future progress

Data Integration Budget

Revenue	
• 4.0 Award	$ 2,200,000
• 3.0 Work Project	$ 0
TOTAL:	**$ 2,200,000**

Expenditures	
Description:	**Amount:**
• Project Management and Admin	370,000
• Data Center Operations & Licensing	650,000
• District Training & Feedback/ROI Study	175,000
• Development Costs	927,000
• Travel and Meetings	48,000
• Evaluation and Legal	30,000
TOTAL:	**$2,200,000**

Data Integration Budget

Activity:	Indirect Savings to Districts:	Direct Savings to Districts:
Development work on Ed-Fi Base by the Ed-Fi Alliance in 2016-17	2,000,000	
Data hub support to assist 153 districts with onboarding (Est 8 hrs/district @$75/hr)		91,800
Dashboards and free Early Warning System for 107 districts (Est $2,500/district average)		267,500
Savings from 16 State Initiative Integrations (Est: $500/integration)		8,000
Savings from 66 additional defined integrations (Est: $500/integration)		33,000
TOTAL:	**$2,000,000**	**$400,300**

Data Integration Activity

Added value from data hub activities:

Activity:
Many districts reported improved data quality from the onboarding process and improved integrations
The ability to quickly configure an Early Warning System and the ease of use of the system allowed districts to have actionable data more quickly than ever before
CEPI and MDE are looking to the data hubs for more and more ways to reduce the reporting burden on districts, and as a way to expedite new state initiatives
Districts are able to configure and use new data systems more quickly where an integration is in place, making it more likely that they will be able to use the new system effectively
The Google and Microsoft AD connector will allow districts to easily manage their student and staff users
The data hub inventory systems provide a wealth of information useful to districts and other stakeholders for planning purposes

Data Integration Activity

Sustainability:

- State legislature funded the Michigan Data Hub at $2.2M for the October 2017 – September 2018 state fiscal year
- A contract with MAISA will allow approximate $390,000 of funds to cover needed expenses during the interim July – September 2017 period
- $425,000 from MDE will provide for additional funds for hub infrastructure and support of MDE initiatives
- A Early Intervention Research grant has been submitted that will provide $4,000,000 over 5 years if approved to implement actionable data work from the data hubs
- Continued work towards 100% district and vendor adoption will help to ensure that districts experience the benefits of the work

TRIG Activity: Device Purchasing

TRIG Project Manager for the Activity: Karen Hairston

Consortium Leader: Rural Northern Michigan Consortium

Fiscal Agent: Copper Country ISD

Device Purchasing

Advisory Committee Members:

- Robin Evenson - Oakland Schools
- Lyne Roberts – Eaton RESA
- Andy Wolfe - Traverse Bay Area ISD
- Fred Sharpsteen - Mecosta-Osceola ISD
- Kevin Clark - Berrien RESA
- Steve Schmunk - Marquette-Alger RESA
- Tim Davis - Charlevoix-Emmett ISD
- Jamie Huber - Cheboygan-Otsego-Presque Isle ESD

Focus: To develop, issue and administer statewide bids for personal learning devices and desktop computers in order to support on-line testing and the "Any Time, Any Place" initiative. The goal is to aggregate demand statewide for these devices in order to drive down the purchase price for these products.

Deliverables/Accomplishments:

➢ Completed the Spring 2016 bid cycle including purchase window from 4/20/2016 – 10/15/2016, calculation and distribution of incentives, and final data reported.

Device Purchasing Activity Budget

Revenue	
• 4.0 Award	9,250,000
• 3.0 Work Project	0
• **TOTAL:**	**$9,250,000**

Expenditures	
Description:	Amount:
• Incentive payments to districts	9,250,000
TOTAL:	**$9,250,000**

Device Purchasing Cost Savings

Cost Savings to the Districts

Activity:	Cost Savings to the Districts:
Vendor Discounts on Devices	$52,699,251
Incentive Funds (Direct Savings)	$9,250,000
Value-Add Professional Development	$1,074,000
Total:	**$63,023,251**

Device Purchasing Next Steps

Sustainability

- Device Purchasing has been sustainable re: operating costs since 2015.
- Operations have moved over to REMC, where the 2017 bid is being managed.

TRIG Activity: E-Rate Activity

TRIG Project Coordinator for the Activity:
Ann-Marie Mapes
Consortium Leader: Kent ISD Consortium
Fiscal Agent: Kent ISD

E-Rate

Advisory Committee Members:
- Josh Hayes, Wexford-Missaukee ISD
- Jim Rarus, Wayne RESA
- Phil Carolan, Lenawee ISD
- Melissa Gillhooley, Eastern UP ISD
- Darren Schiltz, Dickinson-Iron ISD
- Glen Finkel, Kent ISD
- Sam Accorso/Damian Koob, Van Buren ISD
- Sheryl Cormicle Knox, Capital Area District Library
- Sonya Schryer-Norris, Library of Michigan
- Starr Garter, E-Rate Consultant
- Lori Leugers, E-Rate Consultant
- Dave Childs, MISEN
- Pam Christensen, Superiorland Library Cooperative

Focus: Successful implementation and utilization should ensure that every school has enough Internet bandwidth to take high stakes online assessments.

Deliverables/Accomplishments:

- RFP Internet and Transport
- Four On-Site E-Rate Trainings
- On Demand Technical Assistance
- Weekly Calls with Consultants during E-Rate Window
- Advisory input on development of MDE's E-Rate Specialist position description
- Communications during difficult funding year in which funding requests were significantly delayed
- Expanded coordination with MISEN – MISEN Project Manager serves on E-Rate Advisory as MISEN liaison
- MISEN/E-Rate Advisory support contract with independent E-Rate Consultant and E-Rate Central
- Focus on sustainability plan development and future activity goals
- Expand committee membership to include E-Rate consultants
- Expand committee membership to urban library and rural/small libraries

E-Rate Activity Budget

Revenue	
• 4.0 Award	300,000
• 3.0 Work Project	46,714
• **TOTAL:**	**$ 346,714**

Expenditures	
Description:	Amount:
• Purchased Services	231,301
• Sustainability Deliverables	115,413
TOTAL:	**$ 346,714**

E-Rate Activity

Indirect Cost Savings to the Districts*:

Activity	Cost Savings to Districts
Cost Savings (before Federal E-Rate Allocation)	475,535
Training	100,000
Total Cost Savings	575,534
TOTAL Projected Cost Savings (before Federal E-Rate Allocation)	**$837,079**

If current USAC total commitments for FY2016 remain correct, Michigan's 2016 funding year at over $68 million is the highest amount committed in the state since 2001.

*Only 41% of ISDs, 45% of LEAs reporting compared to prior year of 62% of ISDs, 71% of LEAs. Cost savings to district and reporting bandwidth down from prior years

E-Rate Activity

Sustainability:

- E-Rate Advisory Committee will continue to meet on a quarterly in-person basis and virtually as necessary to advise State of Michigan E-Rate coordination
- Continued coordination with MISEN and expansion of committee membership to include representative stakeholders
- The State of Michigan's newly established E-Rate Specialist will work with the Advisory Committee on professional development, communications, and technical assistance support in terms of Program Integrity Assurance, eligibility verifications, and act as the de facto State of Michigan E-Rate Coordinator. With the new staff person MDE hopes to better provided targeted support to districts, public school academies, and libraries that need assistance in expanding connectivity
- E-Rate Advisory Committee will continue to coordinate E-Rate closely with MISEN and other former TRIG activities when relevant to connectivity
- E-Rate Advisory Committee will continue to seek consortium application opportunities with MISEN and the Regional Educational Media Centers of Michigan

TRIG Activity: Operations Office

TRIG Project Director: Dave Cairy

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD

TRIG Operations Office

TRIG Operations Team :

- Dave Cairy, TRIG Project Director

- Jan Vogel, TRIG Project Coordinator

- Summer Franck, TRIG Communications Assistant & Device Purchasing Coordinator

- Taylor Hoag, Administrative Assistant & SRS Support

Focus: To oversee the work of the TRIG grant.

Deliverables/Accomplishments:

➢ TRIG Operations Office set the vision and spearheaded the communication throughout the state

➢ Assisted with the TRIG Legislative report that was released in January, 2017

➢ Updated and distributed the TRIG infographic to demonstrate direct, indirect and value added to ISDs, LEA's and buildings and released it in September, and January.

➢ Organized and facilitated meetings of the TRIG Steering Committee & the Activity Project Managers throughout the year

➢ Coordinated the quarterly and annual reports with the TRIG evaluators for the work of TRIG

➢ Maintained the TRIG website with M-STEP resources

➢ Published monthly Talking Points for each of the Activities for the various audiences to inform them on their progress (Superintendents, Principals, Curriculum Directors, Technology Directors, Finance Managers, and Teachers)

➢ Developed and maintains the TRIG website, publishes weekly updates, organizes workshops around the state about the TRIG activities, prepares and presents at state-wide conferences, provides outreach to Michigan educational organizations

➢ Developed processes for monitoring the work of the activities and the consortia as well as the sustainability plans for the next year

➢ Coordinated the transition of the TRIG Operations Office to the MAISA Collaboration Hub

TRIG Operations Budget – 4.0

Revenue	
• 4.0 Award	500,000
• 3.0 Work Project	628,697
TOTAL:	**$ 1,128,697**

Expenditures	
Description:	Amount:
• Membership	904,715
• Administration	112,500
• Sustainability Deliverables	111,482
TOTAL:	**$ 1,128,697**

TRIG Operations Office

Indirect Cost Savings to the Districts

Activity	Cost Savings to the Districts
Meeting Room, Hotel, Registration Savings	$ 55,610
TOTAL:	$ 55,610

TRIG Operations Office

Sustainability:

- The TRIG Operations Office has established the MAISA Operations Office. The framework for the MAISA Operations Office will build on the success and high level of collaboration demonstrated in the TRIG program. The focus being to provide administrative support such as collaboration, communication, and progress monitoring for and between all statewide activities.

ACTIVITIES with 3.0 Work Projects

TRIG Activity: Assessment and Curriculum

TRIG Project Manager for the Activity: David A. Johnson

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee Intermediate School District

Assessment & Curriculum

Deliverables/Accomplishments:

Advisory Committee Members:

- Michigan Assessment Consortium Board

Vision:

- Educators will gain access to an up-to-date digital resource centered around building the inquiry process and 21st century skills, which is aligned to the state content expectations for social studies.

- Educators will have access to information and clarification on what assessments are available through the Michigan Department of Education.

➢ Completed writing of:
  - ➢ HS World History
  - ➢ 2nd Grade Community Studies
  - ➢ 1st Grade Families and Schools
  - ➢ Kindergarten – Myself and Others

Assessment and Curriculum Budget

3.0 Work Project	Expenditures	
	• Salaries	60,605
	• Purchased Services	84,388
	• Travel	3,883
	• Equipment	181
	• Sustainability Deliverables	15,410
	Total:	**$164,467**

Assessment and Curriculum Cost Savings

Activity	Cost Savings to Districts
Downloads for 2016-17 School Year:	18,423,113*
Webinar Series	1,478,668
Webinar Series	17,300
TOTAL:	**$19,919,081**

*Cost Savings = number of downloads x the cost of a textbook

Assessment and Curriculum

Sustainability:

- Sustainability will occur through MAISA including releasing final portions of HS World and US History, maintaining existing materials, incremental updates as needed.

TRIG Activity: Data Services Collaborative

TRIG Project Manager for the Activity: Kevin Bullard

Consortium Leader: Southwest Michigan Consortium

Fiscal Agent: Kalamazoo RESA

Data Services Collaborative

Advisory Committee Members: 3DSPA Advisory (regional representation)

Three Dimensional Science Performance Assessments

Sub-Grantee: Wexford Missaukee ISD

Deliverables/Accomplishments:

- Ten three-dimensional draft assessment items are complete (grades 3-12)-written by 21 teacher authors from around the state August 1-5
  - Tasks can be found via website and Illuminate 3DSPA Website: http://3dsciassessment.weebly.com/
  - Illuminate assessment downloading directions Twelve tasks partially complete ready for further development
- Train the Trainers
  - Developed and disseminated flyer with networks Developed process and shared resources including Scripted Agendas, Agendas, Slides, Handouts in Shared Folders
  - Registered and trained 20 science consultants from around the state as a means to train new task authors to create assessment tasks in their regions

Cost Savings: ROI formulas used for 3DSPA were focused on staffing to ensure the deliverables of the grant were met. Staffing were required to deliver upon the main content of this grant which were to provide support for the MDE Item Clusters, Teacher and Facilitator training, building collaborations, and tasks/item development.

> Grant Funding: $419,970
> ROI: $644,120

Sustainability Plan:

- Connections to other TRIG Activities
- Continue Statewide Collaboration
- Connect with Michigan Collaboration Hub (MiCH) Operation Office and Steering Committee
- Continue to develop tasks and items with MAC

Data Services Collaborative

Advisory Committee Members: Green Pupil Accounting (regional representation)

Green Pupil Accounting

Sub-Grantee: Wexford Missaukee ISD

Deliverables/Accomplishments:

- GPAA procedures were established and documented on how the auditors and each district will use the GPAA application.
- GPAA was piloted in five additional ISDs and WMISD updated the application with feedback informing the updates.
- WMISD created a review process of the GPAA that allows auditors and districts to continue using this setup as the Pupil Accounting and Auditing changes.
- MPAAA has adopted the Green Pupil Accounting process for an optional process for pupil accounting, statewide.
- Kent ISD will hold the statewide Moodle server for the next five years.

Cost Savings:

ROI formulas for the Green Pupil Accounting grant examine the gains relative to the cost of innovation. In this case, the cost of these systems, green pupil accounting, and auditing, was training, support, and monitoring to ensure accuracy and consistency. The estimated savings relative to the accountant and auditors time approximate $10,748,500 per year, not counting the time related to teachers and other personnel who engage in pupil accounting. School districts also experienced incidental savings on paper consumption and on the expenses related to paper consumption, including copying, punching holes, organizing binders, and storage.

Award: $198,500
ROI: $10,748,500

Sustainability Plan:

- *Working with SEN, Classroom Readiness, Data Hubs, Operational Support, Steering Committee, Regional Representation, & additional statewide Collaborations.*

Data Services Collaborative

Advisory Committee Members: Regional Representation

Collaborative Purchasing

Sub-Grantee: Genesee ISD

Deliverables/Accomplishments:

Three solutions were bid (SIS, data warehouse/assessment and library automation). While in the third year (work project extension from year 2) it was the goal of GMEC and REMC to bid out additional technology systems. The groups paused and collaboratively worked with MDE, TRIG Office, and KRESA to reflect if there were better options for realizing savings for school districts. This was done to both find a better opportunity that districts would benefit from, as well as to ensure the sustainability of the project beyond the end of TRIG funding (June 30, 2017). The findings of this group were to expand the current REMC site and/or create a REMC Purchasing Collaboration site for statewide bidding to build collaboration with schools throughout the state for bidding technology solutions/systems.

Sustainability Plan: Expansion of the current REMC site and/or create a REMC Purchasing Collaboration site for bidding. This will add a social element where ISDs and LEAs could announce their desire/need to go out to bid for a solution. This would allow ISDs/LEAs to find other potential partners who may want to join them in their bid and/or encourage the REMC Save group to do a statewide bid. With the SEN approaching completion of its initial goal of connecting ISDs, districts across Michigan will have new opportunities to collaborate and share resources.

Data Services Collaborative

MiCASE

Sub-Grantee: Michigan Collaborative Administrative Solutions for Education

Deliverables/Accomplishments:

➤ Integration of the payroll data into the payable system for the purposes of maintaining proper balances.

➤ Templates were created in the system to allow entry of data in spreadsheets to be directly loaded into the accounting system for efficiency of payments to vendors.

➤ Purchasing process is fully configured and able to process in all facets needed for purchasing.

➤ The ability to send out purchase orders via email is configured

➤ Accounts payable now has the check processing configured and now printing.

➤ Process check copies with ACH payments and the ability to push check copies into OnBase automatically.

Cost Savings:

Sustainability has been enhanced due to the grant funds received and the ability to complete the software development by June 30, 2016. Without this investment, school districts licensing costs would have had to increased substantially to obtain the funds to complete this project. The projected, $2.00 increase of licensing costs over the next two years to complete this project will no longer need to be passed on to the districts as a result of this grant. Below are a cost analysis showing the actual dollars saved in the 2016-17 school year and similar savings expected for the 2017-18 school year at $2.00/student.
Total 2 year school districts savings was $296, 312.26 for an ROI of 28,808.26

Sustainability Plan:

With the objectives of the grant completed, MiCase will now move into the enhancement phase of the software. Enhancements will be necessary to maintain sustainability in the years to come as MiCase builds a system that includes some additional key pieces that will replace third party products. Having these products available to districts will enhance cost reductions through the elimination of third party product costs as MiCase will not increase their costs for these additional features added to the system.

Data Services Collaborative

Advisory Committee Members: No formal Advisory Committee

Edify

Sub-Grantee: Mecosta-Osceola Intermediate School District

Deliverables/Accomplishments:

➢ **Integration with the Michigan Data Hubs.**

➢ **Integration of Badges and Mozilla Open badges allowing schools and organizations to create, use, issue, and verify digital badges statewide.**

➢ **Integration of Michigan Open Books as well as open education resources into content repository including reviewing, tagging, and uploading materials.**

➢ **Assessment Repository for teachers including an assessment shopping cart and the ability to import assessment items from two designated platforms. Teachers can access, free of charge, assessment items and resources that are part of edify's global library.**

➢ **Edify integrated four new MSTEP assessment styles into existing 14 assessment questions in the Repository. The four latest assessment item types in Edify help to provide students with experience in using the style of assessment items they may encounter when taking the MSTEP. These new item types are: Matching, Highlighting, elimination, and passages.**

Cost Savings:

Project	ROI savings	Calculations
Data hub integration	$5,062,500	5 classes x 500 teachers x $45/hr. x 1.5 hrs. x 30 weeks
Licensing Costs	$420,000	20,000 students x(8 license costs 20 student license cost) x 1.75 years x future discount rate 25%
Resources searched	$281,250	75 searches x 500 teachers x $45/hr. x .33 hr. (5 min. search + 15 min. time create)
Assessments searched	$187,500	50 searches x 500 teachers x $45/hr. x .33 hr. (5 min. search + 15 min. time create)
Auto-generated teacher PD	$112,000	16 hours x 500 teachers x $14/hr. (substitute rate)
Individualized Student Lessons	$300,000	20,000 searches x 500 teachers x $45/hr. x .5 hr. (25 minute create + 5 min search)
SAT Prep and GAP analysis	$225,000	2,500 students x $90 license cost

Grand Total savings	Grant Request	1 Year ROI
$6,588,250	$ 964,548	6.83

Sustainability Plan:
The continued growth and enhancements of Edify will come from the reasonable license model that is presented to schools. This funding (license agreement) is a process where the Edify team works with each school district independently to identify other programs or costs that can be phased out as edify is implemented.

Data Services Collaborative Activity Budget

3.0 Work Project:	Expenditures:	
	• Supplies	8,500
	• Travel	9,000
	• Support Services (Evaluation, • Director, PM)	114,743
	• Payments to grantees	2,117,757
	Total:	**$2,250,000**

TRIG Activity: EduPaths (Classroom Readiness)

TRIG Project Manager for the Activity: Anthony Buza

Consortium Leader: GMEC

Fiscal Agent: Genesee ISD

Classroom Readiness (EduPaths)

Advisory Committee Members:

- Dave Johnson - Wexford Missaukee ISD
- Joe Rommel– Berrian RESA
- Tina Tribu - REMC
- Cassie Thelen - Alma Public Schools
- Michelle Ribant - MDE
- Gregg Dionne- MDE
- Steve Kass – REMC 1
- Mitch Fowler – Calhoun ISD
- Joe Liberarto – Calhoun ISD
- Kathyrn Dewsbury-White- MAC
- Tammy Maginity – MACUL

Ambassadors:

- Gaby Ezaguirre - RNM
- Marianna Ripple - RNM
- Michelle Grey - Kent
- Aaron Schippert - GMEC
- Anupam Chugh - GMEC
- Heidi Hayes - IMC
- Joe Rommel– SWM
- Tina Tribu - SWM

Deliverables/Accomplishments:

- ➤ Summer 2016 content developed and published
- ➤ Published Courses: 175
- ➤ Registered Users: 6,212
- ➤ Completed Enrollments: 11,061
- ➤ SCECH's awarded: 2,666
- ➤ Social media presence- Facebook, Google + and Twitter
- ➤ Continuing partnerships with educational statewide organizations as well as organizations who will connect self-paced professional learning and webinars.
- ➤ Presentations around the state at conferences as well as vendor presence.

Focus: EduPaths focus is to provide self paced, online professional development and increase awareness of statewide opportunities to promote growth for all Educational professionals in the State of Michigan

EduPaths Activity Budget

3.0 Work Project	Expenditures	
	• Salaries & Benefits	275,630
	• Purchased Prof & Technical Services	772,956
	• Travel	1,310
	• Workshops & Conferences	13,442
	• Supplies/Materials	22,110
	• Software/License	147,361
	• Communication	273
	• Printing	1,010
	• Postage	1,096
	• Equipment	1,000
	• Sustainability	1,074,352
	TOTAL:	**$2,310,541**

September 30, 2017

EduPaths Cost Savings

Value Added:

- Free access to MI educators to "any time/any place" professional learning opportunities

- Providing awareness and direct connections to statewide blended, in-person, and online professional development

- Free SCECHs for Michigan educators

EduPaths

Sustainability Plan

- GMEC partnered with MISEN to carry on the work of EduPaths after TRIG
- Sustainability Funds were transferred to MISEN to maintain and continue the development of EduPaths
- GMEC began marketing EduPaths outside of Michigan to generate revenue for future sustainability of the project
- The project continues to partner with other organizations (MAISA, MIVU, REMC, etc.) to continue the work and development of the project

TRIG Activity: Michigan Technology Readiness Assessment Tool (MTRAx)

TRIG Project Manager for the Activity: Matt Lindner

Consortium Leader: Kent ISD Consortium

Fiscal Agent: Kent ISD

MTRAx

Deliverables/Accomplishments:

Advisory Committee Members:

- Glen Finkel – Kent ISD
- Dana Houseman – Godwin Heights Schools
- Robert Frost – Tuscola ISD
- Renee Van Allen – Kingston Schools
- Kevin Bullard – Kalamazoo RESA
- Gayle Underwood – Allegan ESA
- Mark Christoff – Delta Schoolcraft ISD
- Randy Crozier – Menominee County ISD

Focus: Develop and deploy the MTRAx application to all ISDs, LEAs and PSAs statewide.

➢ MTRAx Enhancements
  - ➢ User functionality: CSV import for device profiles
  - ➢ User functionality: reporting enhancements
  - ➢ Single Sign On with Data Hubs
➢ Supported 16/17 Data Collection Window

MTRAx Activity Budget

3.0 Work Project	Expenditures:	
	MTRAx Redesign & Support	192,058
	Sustainability Deliverables	255,309
	Total:	$447,367

MTRAx Cost Savings

Cost Savings to Districts

Category	Costs: with Consortium	Costs: without Consortium	Savings
Technology Planning	$103,320	$289,296	$185,976
MTRAx Redesign	$51,660	$144,648	$92,988
TOTAL:			**$278,964**

*all cost savings are indirect

MTRAx

Sustainability:

- Contract between MAISA and KISD
  - Support additional data collection windows
  - Manage additional development efforts
  - Liaison to MDE
  - Training as needed

TRIG Activity: Strategic Readiness Support

TRIG Project Director: Tom Johnson

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: WMISD

Strategic Readiness Support

Advisory Committee:

- Dennis Buckmaster
- Jeff Mozdzierz
- Lisa Lockman
- Linda Bielecki
- Brandi-Lyn Mendham
- Tim Davis
- Steve Schmunk
- Pete Poggione
- Keith Tramper
- Ronna Steel
- Karen Mlcek

Focus: Identify and support schools in need of assistance in becoming ready for online assessment, with a focus on sustainable support and strategic efforts.

Deliverables/Accomplishments:

➢ 20 of 21 SRS Grant Districts successfully tested online in the spring of 2017

➢ During work project, over $800,000 in Erate funding was secured by SRS districts to support infrastructure improvements to support online testing.

➢ From Evaluation Summary, June 2017: "*This activity supported schools that were among those least prepared for online testing. The districts are now ready for both online teaching and testing.*

SRS helped schools:
- *Create visions*
- *Recognize their technology needs*
- *Make plans to address their technology needs*
- *Assist with funding for technology acquisition, training, and connectivity*
- *Develop partnerships*
- *Provide coaches*"

Strategic Readiness Support Budget

3.0 Work Project	Expenditures	
	• Project Management and Support Services	194,455
	• Grants to Local Districts*	1,541,752
	• Direct Purchases for Districts (PD and Data)	5,689
	• Evaluation	50,000
	• Sustainability Deliverable	947,029
	Total:	**$2,758,925**

*Includes 3.0 Grants to Local Districts that carried over.

Strategic Readiness Support

Cost Savings to the Districts

Activity	Cost Savings to Districts
Grant Expenditures by local districts	1,541,751
E-Rate (federal revenue)	884,883
Direct Purchased Services (Data and PD)	25,689
TOTAL*:	**$2,452,324**

* Does not include Sustainability funding totaling $947,029

Strategic Readiness Support

Sustainability: The SRS Grant and WMISD contracted with the Michigan Collaboration Hub at MAISA to provide sustainability support for current and future SRS eligible districts. The majority of the funding will be dedicated to supporting matching costs for Erate Projects that were applied for during the original grant window but not yet funded or implemented. Additional funds are expected to provide basic support, primarily Erate match for districts who are still not ready for testing online as required in the Spring of 2018. MiCH will operate sustainability efforts under the guidance of the MiCH Steering Committee and in consultation with MDE.

TRIG Activity: Targeted Site Transformation

TRIG Project Managers for the Activity:
Anthony Buza

Consortium Leader: GMEC
Fiscal Agent: Genesee ISD

Targeted Site Transformation

Advisory Committee Members:

- Becki Dupuis, Bentley Community Schools
- Bob Larson, Brandon School District
- Andy Phillips, Brandon School District
- Jenny Coppens, Swan Valley
- Scott Hartman, Genesee ISD
- Ming Mays, Manton
- Meredith Nickerson, Dexter
- Andrew Steinman, Kent ISD
- Steve Schmunk, Marquette Alger RESA
- Cheryl-Marie Manson, Allegan Public Schools
- Jeremie Coplin, Kalamazoo RESA

Focus:

The goal of the TRIG Targeted Site Transformation (TST) activity is to help transform schools into 1-to-1 learning environments where best practices of 21st century instruction and learning can occur.

Deliverables/Accomplishments (at each TST site):

- Staff data collection using Panorama Education completed Spring 2017
  - Change over time data used to guide continued professional development
- Professional Development
  - On-site PD facilitated based on staff/teacher needs
  - Off-site PD (miGoogle, MACUL, etc.) attended by TST teachers
- Student data collection using Panorama Education completed Winter 2017
- Shared best practices curated and shared between TST sites (and other 1:1 environments)

TST Sites:

Fowlerville Junior High (Fowlerville Community Schools) | Star Elementary (Hastings Area School System) | Superior Hills (Marquette Area Public Schools) | Kuehn-Haven Middle School (Montrose Community Schools) | Lakeview Elementary School (Negaunee Public Schools) | Perry Middle School (Perry Public Schools) | Shelby High School (Shelby Public Schools) | Stockbridge High School (Stockbridge Community Schools)

Targeted Site Transformation Activity Budget

3.0 Work Project	Expenditures	
	Salaries & Benefits	270,784
	Purchased Prof & Technical Services	141,397
	Travel	2,272
	Workshops & Conference	941
	Supplies/Materials	385,990
	Software/License	38,267
	Phone	401
	Printing	33
	Sustainability deliverable	324,485
	TOTAL:	**$1,164,569**

Targeted Site Transformation

Sustainability:

- GMEC has partnered with MISEN to finish the work of the project
- Sustainability funds were transferred to MISEN for the following work:
  - Collecting of best practices related to the implementation of 1:1 learning in schools
  - Packaging of best practices into courses to be delivered freely to Michigan Educators using EduPaths
  - Additional support for the 22 TST sites particularly in the area of professional development

Consortium: Greater Michigan Educational Consortium

Fiscal Agent: Genesee ISD

Consortium Leaders on the TRIG Steering Committee:

Luke Wittum, Genesee ISD

Tammy Evans, Oakland Schools

Dennis Buckmaster, St. Clair RESA

GMEC

Advisory Committee Members:

- Beth Soggs - Bay-Arenac ISD
- Mark Knaack - Branch ISD
- Sam Lutgrig - Calhoun ISD
- Ken Chinavare - Clare-Gladwin RESA
- Pete Klein - Clinton County
- Lyne Roberts - Eaton ISD
- Luke Wittum - Genesee ISD
- Matt McMahon - Gratiot-Isabella RESD
- Daryl Tilley - Ingham ISD
- Dana McGrew - Iosco RESA
- Tom Kuras - Huron ISD
- Shannon Degan - Hillsdale & Jackson ISD
- Dan Allen - Lapeer ISD
- Jim Mallory - MCESA
- Tammy Evans - Oakland Schools
- Aaron Schippert - Saginaw ISD
- Carol Dorman - Sanilac ISD
- Dennis Buckmaster - SCCRESA
- Jackie Carstens - SRESD
- Robert Frost - Tuscola ISD
- Jim Rarus - Wayne RESA

Deliverables/Accomplishments:

➢ Communication channel for TRIG to ISDS and ISDs to LEAs/PSAs
➢ Oversee TRIG Activities led by GMEC
➢ Worked with GMEC members (ISDs, LEAs, PSAs) to ensure they submitted all required items for TRIG (MEGS+, survey, etc.)

Sustainability:

- GMEC discussed utilizing the newly formed METL group to facilitate continued collaboration of its members.

- As new initiatives arise, GMEC members are willing to continue to collaborate.

- GMEC members will continue to support the initiatives that started in TRIG

Costs Savings:

- Facilitated the collaboration and sharing of information across the GMEC region via member ISD contacts
- Travel Reimbursements were made available for meeting attendance

Consortium: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD
Consortium Leaders on the TRIG Steering Committee:

Dr. Lisa Lockman, Wexford-Missaukee ISD
Tom Johnson, K12 ETA
Marc Wills, COOR ISD

IMC

Advisory Committee Members:

- Marc Wills - COORISD
- Kristi Martin - MISD
- Roy Anciso - Manistee
- Doug Olson - TBAISD
- Lisa Lockman - WMISD
- Josh Hayes - K12 ETA
- Tom Johnson - K12 ETA

Deliverables/Accomplishments:

➢ One to One Classroom Project
➢ CBD Training and coaching for One to One Teacher Participants
➢ MACUL Regional Participation - limited

Sustainability:

- IMC Leadership team has committed to continue to meet. Our rational:
  - Communication
  - Cost Savings
  - Review and evaluate possible common projects

Cost Savings:

- Saved One to One Districts cost of Training classroom teachers - $13,000
- Saved One to One Districts cost of sending classroom teachers to MACUL

Consortium: Kent ISD Consortium

Fiscal Agent: Kent ISD

Consortium Leaders on the TRIG Steering Committee:

Glen Finkel, Kent ISD

Phil Carolan, Lenawee ISD

Tanya Harrison, Mecosta-Osceola ISD

Kent ISD Consortium

Advisory Committee Members:

- Glen Finkel – Kent ISD
- Phil Carolan – Lenawee ISD
- John Milewski – Ionia ISD
- Karen Erhardt-Domino – Washtenaw ISD
- Karen Roy – Mecosta Osceola ISD
- Brian Pickett – Mecosta Osceola ISD
- Larry Ivens – Newaygo County RESA
- Mike Rohwer – Ottawa County ISD
- Mike Hubert – Livingston ESA
- Nick Adams – Monroe County ISD
- Randy Lindquist – Muskegon Area ISD
- Tom Staten – Montcalm Area ISD

Deliverables/Accomplishments:

- Continued outflow of information to consortium members.
- Worked with Districts on Data Hub pilots
- Distributed consortium funds to each ISD
- Bidirectional Communication with consortium members.
- Improved compliance with TRIG requirements.

Sustainability:

- Work with MAISA and MTRAx to continue the original work of the MTRAx Project

Costs Savings:

- $1,000

Consortium: Rural Northern Michigan

Fiscal Agent: Copper Country ISD
Consortium Leaders on the TRIG Steering Committee:

Michael Richardson, Copper Country ISD/REMC1
Tim Davis, Charlevoix-Emmet ESD
Tammy Hereau, Delta Schoolcraft ISD

RNM

Advisory Committee Members:

- Mary Zann – AMAESD
- Michael Richardson – CCISD/GOISD
- Tim Davis – CharEm ESD
- Jamie Huber – COPESD
- Darren Schiltz – DIISD
- Mark Christoff – DSISD
- Jason Kronemeyer – EUPISD
- Steve Schmunk – MARESA
- Randy Crozier – MC-ISD

Deliverables/Accomplishments:

- Monthly meetings - virtual
- Guidance of the Device Purchasing for the state of Michigan
- Meetings on testing deadlines and perimeters needed to test

Sustainability:

- Very little expenditures
- Virtual Meetings
- Utilization of existing previously purchased equipment

Cost Savings:

- Carry over from previous years
- No need for great funding- virtual meetings with equipment previously attained.

Consortium: Southwest Michigan

Fiscal Agent: Kalamazoo RESA

Consortium Leaders on the TRIG Steering Committee:

Tom Harwood, Kalamazoo RESA

Brian Schupbach, Kalamazoo RESA

Southwest Michigan Consortia

Advisory Committee Members:
- Tom Harwood - KRESA
- Brian Schupbach – KRESA
- Kevin Bullard – KRESA
- Tina Tribu – KRESA
- Sam Accorso – Van Buren ISD
- Ben Daugherty - SJCISD
- Cindy Latta-Larsen – Barry ISD
- Kevin Clark – Berrien RESA
- Randy Gross – Dowagiac Union Schools
- Dirk Bradley– KRESA
- Don Dailey – KRESA
- Joe Rommel – Berrien RESA
- Melissa Tront – SJCISD
- Keith Tramper – KRESA
- James Weiss – Schoolcraft
- Gayle Underwood – AAESA
- Pete Poggione – Mattawan Consolidated Schools

Deliverables/Accomplishments:
- Sharing continued updates of TRIG Initiatives.
- Steering committee representation from Technology and Curriculum leaders in Southwest Michigan Region.
- Effective collaboration on statewide TRIG efforts.
- Quarterly meetings with TRIG advisory committee.
- Meetings every other month with Regional Technology Directors to share TRIG activity information.

Sustainability:
Continue cascading key topics and ongoing project updates from SEN, Data Hubs, Edupaths, and other initiatives available to districts via our Technology, curriculum, and business office leaders throughout the southwest Michigan region.

Costs Savings:
- Steering committee representation
- Dedicated staffing for TRIG related activities/communication

Thank You

Through the Technology Readiness Infrastructure Grant we have been able to increase collaboration across the educational community at all levels, federal, state, regional, local and this has been a key contributor to our success.

We are thankful for the many collaborative partnerships that have been fostered with the Michigan Department of Education, Department of Technology, Management and Budget (DTMB), Center for Educational Performance and Information (CEPI), Michigan Association of Intermediate School Administrators (MAISA), and a wealth of individuals that provide a vast array of expertise and statewide representation on the TRIG Steering Committee, Consortia Advisory Committees, Statewide Activity Advisory Committees, and work groups. The success that has been seen and addressed with TRIG could not have been accomplished without all of the partners listed or the financial support of the Michigan Legislature.

Links for more information about TRIG:

- 2016-17 22i:TRIG Legislative Report,
- TRIG Website,
- Eve & Steve Video,

- 2 Page report summarizing TRIG Activities,
- Annual reports