



# The GRACE Project

*Enhancing STEM Education using GIS Technology*

## GIS/T Resources and Applications for Career Education

**Transforming Education - ArcGIS Platform, GeoCollaborators, & K-12 Citizen Science  
NSF-ITEST funded GRACE Project High School GIS Interns  
IMAGIN CONFERENCE 2017**

**The EMU NSF-ITEST GRACE Project is transforming education with purposeful applications of technology based education using GIS with Community Based Problem Solving and GeoCollaborators.**

**This presentation will discuss how communities throughout Michigan can become involved in this GIS Education activity. You will see examples of the excellent work GRACE Project High School GIS Interns are doing with Esri StoryMaps and Community Based Problem Solving.**



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**What is the NSF-ITEST funded GRACE Project?**



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**GRACE Project Web Links to Keweenaw Time Traveler**

**Keweenaw History – Keweenaw Time Traveler -**

**<http://www.keweenawhistory.com/>**



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# GRACE Project Web Links Monroe Interns StoryMaps

**Zach's Project =**

<http://mhs->

[cad.maps.arcgis.com/apps/MapJournal/index.html?appid=be358aaa9e55422f81988d0987b85f9d](http://mhs-cad.maps.arcgis.com/apps/MapJournal/index.html?appid=be358aaa9e55422f81988d0987b85f9d)

**Donovan's Exeter Parcel Mapping -**

<https://www.arcgis.com/apps/MapSeries/index.html?appid=decbb48717984528a5157bc20806e3f7>



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### GRACE Project Web Links to CLK Student StoryMaps

**Walkability in Laurium and Calumet: A Student's Perspective -**

<http://www.arcgis.com/apps/MapJournal/index.html?appid=e822fa29c3a54bd9a94dc8c4362783c7>

**When Calumet was Trending -**

<http://detroitk12.maps.arcgis.com/apps/MapJournal/index.html?appid=3e2c41af150f465c9e95e82e54a62be9>

**A WalkThrough Time -**

<http://www.arcgis.com/apps/MapJournal/index.html?appid=c04aa1d164774ec394d2d9d4420736ff>



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### GRACE Project Web Links to KNHP Student StoryMaps

**Keweenaw National Historical Park And Heritage Sites -**

<http://detroitk12.maps.arcgis.com/apps/MapSeries/index.html?appid=f23b7ebdf63d494588cb65f116141e25>

**Project Sisu -**

<http://detroitk12.maps.arcgis.com/apps/MapTour/index.html?appid=15abc3c5b5f748df8ebf9f5da398916a>

**Missing in the Copper Country -**

<http://www.arcgis.com/apps/MapSeries/index.html?appid=e1fc7c7171d34b91b81b46a2e0dd6ece>



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### GRACE Project Web Links to Published Articles

GeoConnexion - Transforming historical education with GIS - <http://bit.ly/2sasRIb>

GISCafe Article Article - <http://www.directionsmag.com/entry/GRACE-project-team-creates-time-machine-with-gis/475710>

Directions Magazine Article - <http://www.directionsmag.com/entry/GRACE-project-team-creates-time-machine-with-gis/475710>



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