



MYRA GREEN
MIDDLE SCHOOL

LONG RANGE TECHNOLOGY PLAN

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Vision

Myra Green Middle School students will have essential learning opportunities by using Web 2.0 technology tools. These technology tools will be a great support in engaging the students with rich lifelong learning experiences.

“Web 2.0 is about revolutionary new ways of creating, collaborating, editing and sharing user-generated content online. It's also about ease of use. There's no need to download, and teachers and students can master many of these tools in minutes. Technology has never been easier or more accessible to all.” (“Discovery education,” 2012)

After teachers receive technology training, students of Myra Green Middle School will have free access every day, inside and outside the classrooms to these educational technology tools via internet. Presentation tools, video tools, mobile tools, community tools, and new web 2.0 tools created will help expand the boundaries and build productive students to prepare them for the future workforce.

Students will participate in a variety learning experiences and increase their knowledge and skills in technology, making it a lifelong learning experience. This will enable them to reach their potential.

Facilitating technology tools to students will engage them in rich, compelling learning experiences that develop deeper knowledge and skill development especially the problem-solving, creativity and critical thinking skills so highly desired for our world today. (Project Tomorrow, 2011)

Assessment

After analyzing a three year summary of the [Texas Campus STaR Chart](#), Myra Green Middle School has shown a little bit of improvement within the following areas:

- **Key Area I**-Teaching and Learning
- **Key Area II**- Educator Preparation and Development
- **Key Area III**- Leadership, Administration and Instructional Support
- **Key Area IV**- Infrastructure for Technology

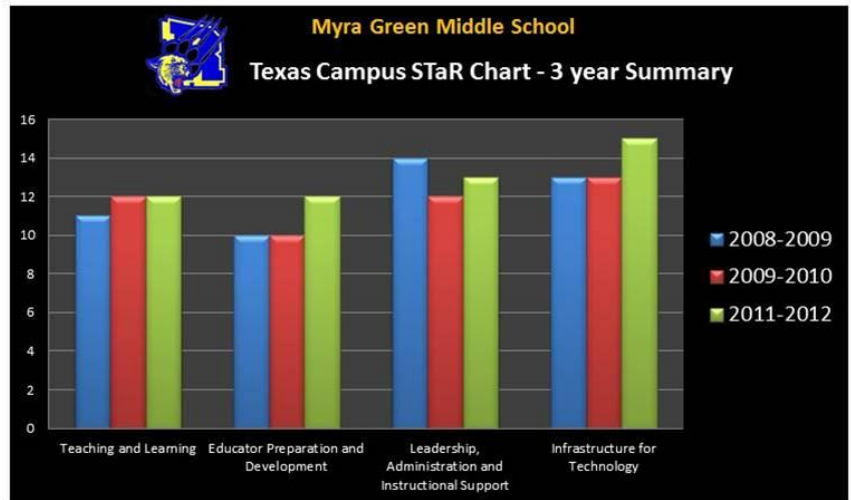


Figure 1 Myra Green Middle School - 3 year Summary STaR Chart Data

However, the low scores of 12-14 classify Myra Green Middle School as a Developing Tech campus. The goal of Target Tech in Texas is for districts to reach Target Tech (a score of 21-24) in all Key Areas on the STaR Chart.

- [Detailed STaR Chart Analysis](#)

The most critical part of the STaR Chart is Key Area II-Educator Preparation and Development. Myra Green Middle School STaR Chart shows that this Key area has been on Early Tech classification for two consecutive years, which is the lowest classification in Technology. In 2011-2012 it showed a little bit of improvement but it is not on target goal yet.

A needs of assessment survey was conducted on our campus to assess the instructional technology needs, knowledge and experience of the campus instructional personnel. This survey was answered by currently employed Myra Green Middle School teachers. The results indicated teachers don't feel very capable in incorporating technology in their lessons and student assignments. They would like to have more technology resources, training and support from the district technology specialists.

- [Needs of Assessment Survey and Analysis](#)

Goals

Myra Green Middle School teachers and students will incorporate Web 2.0 tools within classroom projects and assignments to provide essential learning opportunities.

The goal is to connect with teachers to understand their needs in learning new tools.

Technology trainings will be conducted to all teachers of Myra Green Middle School. In these trainings they will have hands on technology use, with a variety of learning experiences.

Teachers will participate actively and will have sufficient time to start and finish projects.

Teachers will collaborate and technical assistance will be offered for support in using adequate resources. Teachers will realize that in order to be better educators, they need to be better learners (Whitby, 2012).

Myra Green Middle School technology specialists and administrators will

1. Provide technology training and the necessary resources to all campus teachers.
2. Provide technology support for any technical issues during technology training.
3. Allow MTT to schedule department meetings every six weeks to provide staff development technology training during planning period.
4. Allow teachers to present lessons implemented in their classrooms by using the Web 2.0 tool learned during technology training.
5. Follow up and evaluate on the usage and implementations of learned Web 2.0 technology tools.

Action Plan

“We ask our students to be good observers, consider the world carefully and to analyze the implications of what they see. As educators, it’s time we do the same. Leverage all the tools available to foster creativity, inspire curiosity, and provide the knowledge our children need for success.” (Romano, 2011) In other words, as educators we need to use and facilitate technology in our classrooms.

Technology training will be in-house. It will be done by department sessions. Training by departments will help teachers of the same core subject area to collaborate in teams and share

ideas on lessons when implementing certain web 2.0 tools in their classrooms. Also, having small group sessions will facilitate the necessary individual tools for each teacher.

➤ **Key Area I-Teaching and Learning**

Action	Timeline	Party Responsible	Cost	Funding Source	Evaluation	Other Notes
The teachers will implement one new technology tool twice a semester.	Starting school year 2013 and ending in 2016	6 th -8 th grade Teachers, Administration, Technology Specialists	\$0	N/A	Lesson plans, classroom observations and class website/wikis	Technology trainings will be given to the teachers during departmental planning periods.
MGMS students will produce at least one product using a Web 2.0 Tool twice a semester.	Starting school year 2013 and ending in 2016	6 th -8 th grade Teachers, Administration, Technology Specialists	\$0	N/A	Student class presentations, Electronic portfolios and class websites/wikis	Students will be assigned to use Web 2.0 tools for class projects and post them to class wikis

➤ **Key Area II- Educator Preparation and Development**

Action	Timeline	Party Responsible	Cost	Funding Source	Evaluation	Other Notes
Provide training in Web 2.0 tools.	Starting school year 2013 and ending in	6 th -8 th grade Teachers, Administration, Technology Specialists	\$0	Professional Development Credit hours	Electronic Surveys/Quizzes answered at the end of trainings.	Technology trainings will be given to the teachers

	2016				<p>Observations</p> <p>Implemented Web 2.0 tools</p> <p>Presentation during staff meetings.</p> <p>Follow up meetings.</p>	<p>during departmental planning periods.</p> <p>Tutorials, trainings and lesson ideas will be provided through the MTT website “RISD Web Tools”</p>
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➤ **Key Area III-** Leadership, Administration and Instructional Support

Action	Timeline	Party Responsible	Cost	Funding Source	Evaluation	Other Notes
Campus administrators and technology specialists will meet to analyze teacher surveys/evaluations and determine the best next web 2.0 tool for training accordingly to evaluation results.	Starting school year 2013 and ending in 2016	6 th -8 th grade Teachers, Administration, Technology Specialists	\$0	N/A	Meeting sign in and notes	Administrators along with technology specialist will explore and review new web 2.0 tools

➤ **Key Area IV-** Infrastructure for Technology

Action	Timeline	Party Responsible	Cost	Funding Source	Evaluation	Other Notes
Provide technical support	Starting school	6 th -8 th grade Teachers,	\$0	N/A	Technology work orders	Copies of the technology

during technology trainings. Monitor technical issues and maintain laptop software and technology tools updated for better procedure.	year 2013 and ending in 2016	Administration, Technology Specialists			and completion reports.	work orders will be shared with administrators in order to monitor campus need
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Implementation

In order to implement this long range technology plan, is imperative to get 100% support from the school board members, superintended, district technology specialists, campus administrators, teachers and community. Their support will facilitate technology resources, training times, training evaluations, and technology products. Teachers need to be prepared to receive new training that will be evaluated to facilitate effective Web 2.0 tools. They need to be willing to implement new technology tools in their classrooms and seek for help if they need assistance in using these tools.

Intended technology training goals

Myra Green Middle School teachers will have a technology training twice a semester with follow up meetings. The idea is for teachers to learn at least four web 2.0 tools. Not just learn it, but be able to implement them in their classroom and continue using it in their curriculum more than once throughout the school year.

Prior to training, the Master Technology Teacher will give a short fun preview-introduction of the Web 2.0 tool during a staff meeting. Staff meetings are scheduled on Tuesdays, so training will be taking place on the following two days; Wednesdays and Thursdays.

These trainings conducted by the MTT will be done in small groups; by departments during their respective planning period. “Educators should meet, collaborate, and learn in small teams to develop new knowledge, skills, and behaviors that are responsive to their students' learning needs” (Mizell, 2011). Planning period is 53 minutes long, so in two days teachers will have a

total of one hour and forty-six minutes. This is sufficient time to have hands-on technology use to explore, learn, create, master and finish a technology project of a web 2.0 tool.

Technology training will be taking place at the school library. The library is well equipped with wireless internet, 22 desktops, 24 laptops, a smart board, a projector screen, speakers a digital projector, and a laser printer.

After teachers have been trained on a web tool; they will be assigned to implement this new tool by either teaching/presenting with it in class or assigning it to students as a class project. A copy of one project must be emailed to MTT for evaluation. After they email a copy of a web 2.0 tool project, they will receive a certificate of completion. The follow up meetings will be done two weeks after training during planning period and or during a 7 to 10 minute time period of discussion, ideas, and questions during our weekly staff meetings.

After the follow up meeting, two or three teachers will be selected to present their web 2.0 tool used in the classroom during a staff meeting. The idea is to display the web tool with the digital projector and talk about their experience and students' reaction with that certain project. The purpose is to motivate other teachers and collaborate with ideas about the tool.

Teachers will also have access to our RISD Web Tools website created by Master Technology Teacher for technology support. This website will have the web tools learned during staff development along with online tutorials, lesson ideas, samples from other teachers around the world, and the MTT contact information for assistance.

Evaluation

To ensure the goal is attained and the STaR Chart is targeted, we must evaluate the implementation of this technology plan. Evaluations will be done persistently before and after a Web 2.0 tool has been implemented. During and after technology trainings, teachers will be assessed by answering quizzes, self-evaluations and questionnaires about the trainings. A copy of a Web 2.0 product created during training will be emailed to MTT to provide feedback to ensure teacher. Web 2.0 technology tools implementation will also be evaluated by checking on

teacher lesson plans, conducting classroom observations and/or giving teachers the opportunity to present during a teacher's meeting a lesson of an implemented Web 2.0 tool. Class wikis/websites will be another way of evaluating teacher use of Web 2.0 tools by posting students' technology products, or electronic portfolios. Technology work orders will be used to evaluate technology specialists in implementing this plan. Evaluations may be changed to accommodate/facilitate effective technology trainings.

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