MS2TC/MSVPA School Improvement

Plan 2019-2020

Middle School Mathematics Science Technology Center

Warren Consolidated Schools

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TABLE OF CONTENTS

Overview

Plan Name

MS2TC/MSVPA School Improvement Plan 2019-2020

Plan Description

Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

#	Goal Name	Goal Details	Goal Type	Total Funding
1	MS2TC/MSVPA staff will develop and promote a positive school community.	Objectives: 1 Strategies: 3 Activities: 5	Organizational	$0
2	Staff will collaborate as a Professional Learning Community during common planning and dates identified on the WCS professional development calendar.	Objectives: 1 Strategies: 3 Activities: 3	Organizational	$0
3	Targeted Skills Practice	Objectives: 1 Strategies: 1 Activities: 2	Organizational	$0
4	Writing to communicate reasoning in all subjects	Objectives: 1 Strategies: 3 Activities: 5	Organizational	$0

Goal 1: MS2TC/MSVPA staff will develop and promote a positive school community.

Measurable Objective 1:

collaborate to generate meaningful relationships with community members through outreach activities by 06/14/2019 as measured by parent and student attendance at social events and survey results.

Strategy 1:

Community Outreach Activities - Teams of teachers will research, develop and implement social activities that bring families together to experience social activities, curriculum events, performances, and celebrations, fundraisers.

Category: School Culture

Research Cited: The effects of four components of parental involvement on eighth-grade student achievement: Structural analysis of NELS-88 data.

Singh, Kusum; Bickley, Patricia G.; Trivette, Paul; Keith, Timothy Z.; et al

School Psychology Review, Vol 24(2), 1995, 299-317.

Fan, X. & Chen, M. Educational Psychology Review (2001) 13: 1. doi:10.1023/A:1009048817385

Henderson, Anne T., Ed (1987). The Evidence Continues to Grow: Parent Involvement Improves Student Achievement. An Annotated Bibliography. National

Committee for Citizens in Education Special Report.Institute of Educational Sciences.

Tier: Tier 1

Activity - Social Activities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social activities include but are not limited to: Family Movie Night; Haunted House; Big Game Night; Field Day, Family Science Night	Community Engagement	Tier 1		09/04/2019	06/10/2020	$0	No Funding Required	MS2TC and MSVPA staff

Activity - Curriculum Events	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Curriculum Events include but are not limited to: Parent Orientation, Curriculum Night; Family Science Night; Academic Awards	Community Engagement	Tier 1		09/04/2019	06/10/2020	$0	No Funding Required	MS2TC and MSVPA staff

Activity - Performances and Celebrations	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Performances and celebrations include but are not limited to: 8th Grade Celebration; Theater Performances; band recitals, Poetry Readings, Project Presentations	Community Engagement	Tier 1	Implement	09/04/2019	06/10/2020	$0	No Funding Required	Select MS2TC and MSVPA staff

Strategy 2:

Strong Communication - Develop and implement strong patterns of communication with community members and district partner schools. Communication will occur through timely email communication about upcoming events; information updated regularly on teacher and program websites; develop email groups to parents to send out weekly blasts of events taking place within the program(s); use of Remind 101 as a program reminder of upcoming events; timely phone calls and parent meetings to intervene on behalf of struggling students; press releases when appropriate to showcase teacher and students achievements. Research points to the value of strong communication of focus, high expectations for all students, effective school shared leadership, high levels of collaboration and communication; curriculum alignment and the power of forming strong connections between school, family, and community connections on student achievement.

Category: School Culture

Research Cited: Hara, S., Burke, D. (1998). Parent Involvement: The Key to Improved Student Achievement. The School Community Journal 8(2) Fall/Winter.

Direct and Indirect Longitudinal Effects of Parental Involvement on Student Achievement: Second-Order Latent Growth Modeling Across Ethnic Groups.

Hong, Sehee; Ho, Hsiu-Zu

Journal of Educational Psychology, Vol 97(1), Feb 2005, 32-42. http://dx.doi.org/10.1037/0022-0663.97.1.32

Henderson, Anne T.; Mapp, Karen L. (2002). A New Wave of Evidence: The Impact of School, Family, and Community Connections on Student Achievement. Annual Synthesis 2002. Institute of Education Sciences.

Tier: Tier 1

Activity - Communication	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement communication with community members about student progress, student and program achievement, upcoming academic and/or social events using a variety of resources including social media, webpages, digital newsletters, year-discs/books, emails, and phone conversations.	Community Engagement	Tier 1	Implement	09/07/2016	06/14/2019	$0	General Fund	School administrator and instructional staff

Strategy 3:

Career Exploration - Staff will provide opportunities for career exploration and experiences.

Category: School Culture

Tier: Tier 1

Activity - Career Exploration	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Counseling staff will use Career Cruising to offer opportunity for students to explore caree options	Career Preparation /Orientation	Tier 1		09/04/2019	06/10/2020	$0	No Funding Required	Counseling staff

Goal 2: Staff will collaborate as a Professional Learning Community during common planning and dates identified on the WCS professional development calendar.

Measurable Objective 1:

collaborate to use the PLC model and tools to provide instructional experiences to all students focused on clear targets and student mastery of target standards. by 06/30/2017 as measured by PLC artifacts (notes, plans, assessments) indicating full participation.

Strategy 1:

Identify "What we want our students to know/be able to do?" - Staff will identify content-specific learning targets.

Category: School Culture

Research Cited: DuFour

Tier: Tier 1

Activity - Identify power standards and learning targets.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identify power standards and learning targets.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	General Fund	Teachers, Director

Strategy 2:

Define "How will we know students have learned it?" - Staff will collaborate to assess student's mastery of content standards and learning targets.

Category: School Culture

Research Cited: DuFour

Tier:

Activity - Assessment creation.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Create assessments.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	General Fund	Teachers, Director

Strategy 3:

Plan "What will we do when they have not learned it, or already know it?" - Teachers will collaborate to craft and implement instructional responses to students who

either have not mastered the targets or have already mastered the targets.

Category: School Culture

Research Cited: DuFour

Tier: Tier 1

Activity - Analyze assessment results and plan response for students not achieving target.	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Analyze assessment results and plan response for students not achieving target.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	General Fund	Teachers, Director

Goal 3: Targeted Skills Practice

Measurable Objective 1:

increase student growth in math and ELA skills by targeting students with knowledge gaps identified in the fall NWEA and Freckle and No Red Ink diagnostics.. by 04/26/2019 as measured by tracking student achievement on Freckle, No Red Ink, and the NWEA..

Strategy 1:

Online Resources - Students will be assigned work on Freckle or No Red Ink to develop skills that are necessary for achievement math and ELA.

Category: Learning Support Systems

Research Cited: Freckle (formerly Front Row) is an online resource that provides differentiated curriculum following a diagnostic to identify student levels for instruction.

This is an example of a "strategy addressing content" in Marzano's model that will provide students with the opportunity to practice skills that are necessary that may

need a review for some of our students.

Tier: Tier 2

Activity - No Red Ink	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Online resource for students to use to develop ELA language skills.	Materials	Tier 2	Getting Ready	09/04/2018	06/13/2019	$0	Other	ELA Staff

Activity - Freckle	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use Freckle to target specific math skill gaps.	Materials	Tier 2	Getting Ready	09/04/2018	06/13/2019	$0	Other	Math Teachers

Goal 4: Writing to communicate reasoning in all subjects

Measurable Objective 1:

collaborate to develop opportunities for all students to communicate reasoning in all subject areas using consistent common language by 06/11/2020 as measured by the number of opportunities students are provided to practice this skill through scaffolded instruction.

Strategy 1:

Design opportunities for communicating reasoning - Teachers will design opportunities for students to communicate reasoning using common language.

Category: Learning Support Systems

Research Cited: "Writing Across the Curriculum Can Work" By David E. Harris and Robert Schaible

"Common Core: Reading and Writing Across the Curriculum" by Ogle and Lang

Learning Science & Literacy Useful Background for Learning Designers

Tier: Tier 1

Activity - Resources and Common Language	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use PLC/team meetings to determine resources that will facilitate implementation of writing across the curriculum and common language.	Direct Instruction	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	No Funding Required	All

Activity - Grading on common rubric	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will meet to determine an appropriate common rubric for CER writing.	Supplemental Materials	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	No Funding Required	All

Strategy 2:

Scaffolding Writing Instruction - Teachers will use professional learning time to determine how to best scaffold writing to communicate reasoning instruction.

Category: Other - All subjects

Tier: Tier 1

Activity - Vertical alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use PLC time to map out opportunities to write that build from one subject to another across grade levels.	Curriculum Development	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	No Funding Required	All MS2TC and MSVPA staff

Strategy 3:

Calibrate Writing Scoring - Teachers will meet to calibrate scoring of writing assignments for increased reliability and consistency.

Category: Other - Across the Curriculum

Research Cited: Langer, G., Colton, A., and Goff, L. (2003), Collaborative Analysis of Student Work, ASCD.

Looking at Student Work Collaborative, "Why Protocols."

McClure, C. (2008), The Benefits of Teacher Collaboration: Essentials on Education Data and

Research Analysis, District Administration: Solutions for School District Management,

Center for Collaborative Education (2012), Quality Performance Assessment: A Guide for

Schools and Districts, Boston, MA.

Tier: Tier 1

Activity - Team Rubric Scoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will meet during PLC/team meetings to score papers for grade level standards, reliability, and consistency across teacher, grade, and subject area.	Supplemental Materials, Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	No Funding Required	All MS2TC and MSVPA staff

Activity - Anchor Text Sets	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will collect examples of work across rubric scores for use in future scoring activities for the purpose of increasing reliability and fidelity of scoring writing that communicates reasoning.	Supplemental Materials, Curriculum Development, Direct Instruction, Teacher Collaboration, Materials	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	No Funding Required	MS2TC and MSVPA staff

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Freckle	Students will use Freckle to target specific math skill gaps.	Materials	Tier 2	Getting Ready	09/04/2018	06/13/2019	$0	Math Teachers
No Red Ink	Online resource for students to use to develop ELA language skills.	Materials	Tier 2	Getting Ready	09/04/2018	06/13/2019	$0	ELA Staff

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Social Activities	Social activities include but are not limited to: Family Movie Night; Haunted House; Big Game Night; Field Day, Family Science Night	Community Engagement	Tier 1		09/04/2019	06/10/2020	$0	MS2TC and MSVPA staff
Vertical alignment	Use PLC time to map out opportunities to write that build from one subject to another across grade levels.	Curriculum Development	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	All MS2TC and MSVPA staff
Anchor Text Sets	Teachers will collect examples of work across rubric scores for use in future scoring activities for the purpose of increasing reliability and fidelity of scoring writing that communicates reasoning.	Supplemental Materials, Curriculum Development, Direct Instruction, Teacher Collaboration, Materials	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	MS2TC and MSVPA staff
Grading on common rubric	Teachers will meet to determine an appropriate common rubric for CER writing.	Supplemental Materials	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	All
Career Exploration	Counseling staff will use Career Cruising to offer opportunity for students to explore caree options	Career Preparation/Orientation	Tier 1		09/04/2019	06/10/2020	$0	Counseling staff

Team Rubric Scoring	Staff will meet during PLC/team meetings to score papers for grade level standards, reliability, and consistency across teacher, grade, and subject area.	Supplemental Materials, Professional Learning, Curriculum Development, Teacher Collaboration	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	All MS2TC and MSVPA staff
Curriculum Events	Curriculum Events include but are not limited to: Parent Orientation, Curriculum Night; Family Science Night; Academic Awards	Community Engagement	Tier 1		09/04/2019	06/10/2020	$0	MS2TC and MSVPA staff
Performances and Celebrations	Performances and celebrations include but are not limited to: 8th Grade Celebration; Theater Performances; band recitals, Poetry Readings, Project Presentations	Community Engagement	Tier 1	Implement	09/04/2019	06/10/2020	$0	Select MS2TC and MSVPA staff
Resources and Common Language	Use PLC/team meetings to determine resources that will facilitate implementation of writing across the curriculum and common language.	Direct Instruction	Tier 1	Getting Ready	09/04/2019	06/10/2020	$0	All

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Assessment creation.	Create assessments.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	Teachers, Director
Communication	Implement communication with community members about student progress, student and program achievement, upcoming academic and/or social events using a variety of resources including social media, webpages, digital newsletters, year-discs/books, emails, and phone conversations.	Community Engagement	Tier 1	Implement	09/07/2016	06/14/2019	$0	School administrator and instructional staff
Identify power standards and learning targets.	Identify power standards and learning targets.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	Teachers, Director
Analyze assessment results and plan response for students not achieving target.	Analyze assessment results and plan response for students not achieving target.	Teacher Collaboration	Tier 1	Implement	09/01/2016	06/15/2019	$0	Teachers, Director