

**Plan for Single Building District
Improvement Plan 2019-2020**

Mt. Clemens Montessori Academy

Mt. Clemens Montessori Academy

Mr. Casey Rakowski
1070 HAMPTON RD
MOUNT CLEMENS, MI 48043-2955

TABLE OF CONTENTS

Overview	1
Goals Summary	2
Goal 1: Reading Proficiency	3
Goal 2: Math Proficiency	6
Goal 3: Science Proficiency	9
Goal 4: Technology Proficiency	10
Goal 5: Social Studies Proficiency	12
Goal 6: Increased Physical Activity and Health Opportunities To Assist Behavioral, Physical and Mental Health	13
Goal 7: To increase parental involvement to broaden the educational opportunities for our students	14
Activity Summary by Funding Source	16

Overview

Plan Name

Plan for Single Building District 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	Reading Proficiency	Objectives: 1 Strategies: 1 Activities: 14	Academic	\$13000
2	Math Proficiency	Objectives: 1 Strategies: 2 Activities: 7	Academic	\$11375
3	Science Proficiency	Objectives: 1 Strategies: 1 Activities: 4	Academic	\$1460
4	Technology Proficiency	Objectives: 1 Strategies: 1 Activities: 1	Organizational	\$0
5	Social Studies Proficiency	Objectives: 1 Strategies: 1 Activities: 1	Academic	\$1400
6	Increased Physical Activity and Health Opportunities To Assist Behavioral, Physical and Mental Health	Objectives: 1 Strategies: 1 Activities: 2	Academic	\$5075
7	To increase parental involvement to broaden the educational opportunities for our students.	Objectives: 1 Strategies: 1 Activities: 1	Organizational	\$2175

Goal 1: Reading Proficiency

Measurable Objective 1:

A 2% increase of Third, Fourth and Fifth grade students will demonstrate a proficiency on the 2020 State Assessment reading proficiency rate in English Language Arts by 06/12/2020 as measured by 2019 State Assessment Reading Proficiency.

Strategy 1:

Reading Interventions - Students will be challenged to read and extrapolate information from a variety of printed material demonstrating understanding of the essence of the story, letter, article, composition, definition, paragraph, sentence, or other grade level appropriate information.

Category: English/Language Arts

Research Cited: Cooper, J.D. (1993). "Literacy: Helping children construct meaning (2nd ed.)". Boston: Houghton Mifflin Company.

Christ, T. & Davie, J. (2009). "Empirical evaluation of Read Naturally effects: A randomized control rrial (RCT)". University of Minnesota.

Hall, Tracey, and Strangman, Nicole; (2002) "Graphic organizers".

<http://www.cast.org/ncac/GraphicOrganizers3015.cfm>

Lillard A. & Else-Quest N. (2006). "The early years. Evaluating Montessori education". Science 313 (5795): 1893-4.

Tucker, C. & Jones, D. (2010). Response to intervention: Increasing fluency, rate, and accuracy for students at risk for reading failure.

Gandhi, A. G., Vaughn, S., Stelitano, L., Scala, J., & Danielson, L. (2015). Lessons learned from district implementation of intensive intervention: A focus on students with disabilities. Journal of Special Education Leadership, 28(1), 39-49

Tier: Tier 2

Activity - Being a Writer	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
"Being a Writer" will continue to be used in grades 1st-5th for all students. Literature based materials will enhance reading comprehension and writing.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$200	General Fund	Administrators and all teaching staff.

Activity - Discover Intensive Phonics	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All 1st-3rd grade teachers will use "Discover Intensive Phonics" in the classroom with students. The reading support teachers will also use the program with identified at-risk students.	Academic Support Program	Tier 2	Monitor	09/03/2019	06/12/2020	\$500	Section 31a	All classroom teachers and Administrators.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Activity - Read Naturally	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The First-Second Grade Teachers and Reading Support Teachers will use "Read Naturally" to help struggling and developing readers improve their literacy skills and become confident, independent readers. By use of audio support and progress tracking, students work with high-interest material at their skill level to improve fluency, vocabulary, and comprehension.	Academic Support Program	Tier 2	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	1st and 2nd grade teachers, reading support teachers, and Administrators.
Activity - NWEA Measures of Academic Progress	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
NWEA Reading Testing in the fall and spring.	Other	Tier 1	Evaluate	09/03/2019	06/12/2020	\$1000	Other	All Kindergarten through Fifth Grade teachers and Administrators.
Activity - Harcourt Reading Assessment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Harcourt reading assessment evaluations will be used to target low level readers.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	All classroom teachers and Administrators.
Activity - Teacher Web Pages	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will continue to maintain webpages for parent and student communication.	Technology	Tier 1	Monitor	09/03/2019	06/12/2020	\$700	General Fund	All teachers and Administrators.
Activity - Montessori Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Administrators and teaching staff will attend and participate in a Montessori based Professional Development emphasizing critical thinking skills in reading.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$2200	Title II Part A	Administrators and all teaching staff
Activity - Wordly Wise	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
"Wordly Wise" provides direct academic vocabulary instruction that develops the critical link between vocabulary and reading comprehension. Direct instruction of important, useful, or difficult words for each grade level helps students successfully comprehend content-area texts and improve test results.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$1000	General Fund	Administration (working with Teachers to implement) and Teacher (direct instruction with students).
Activity - Reader's Workshop	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will take an in depth look at the components of the Reader's Workshop/MAISA Units. As a result of Reader's Workshop, teachers will incorporate partner reading and mini lessons into their reading curriculum to complement individualized Montessori instruction.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	Administration and Teaching Staff.
Activity - Conscious Discipline	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Conscience Discipline Training and materials for instructional teaching staff in ten sessions throughout the school year. Professional Development will enable staff to respond effectively and consciously to daily conflict, while transforming it into an opportunity to teach critical thinking skills to our students.	Behavioral Support Program	Tier 1	Implement	09/03/2019	06/12/2020	\$4000	Title II Part A, Title IV Part A	Entire staff
Activity - Applying Reports and Using Data To Improve Student Achievement In Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional Development for teaching staff on administration and how to apply NWEA and M-STEP reports and data and how to use this to improve student achievement in reading.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	All Teaching Staff and Administration

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Activity - Creating Trauma Informed Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Training and Professional Development on Trauma Informed Classrooms including working with children of trauma, healing from the experience of trauma and working with students to develop mind body skills for emotional regulation.	Behavioral Support Program	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$2175	Title IV Part A	Administration and Teaching Staff
Activity - Growing Good Readers	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Through the implementation of "Growing Good Readers," teachers will have an in depth understanding of a balanced literacy framework, foundational skills, components of reading and writing instruction, and meaningful literacy centers. Effective instruction includes the components of a balanced literacy approach on a daily basis with time for students to practice skills and strategies.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$600	Title II Part A	School Administration and Teaching Staff.
Activity - New Teacher Training For Reading Proficiency	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
New Teacher Academy Professional Development for Beginning Teachers to enhance professional growth in Math and Language Arts	Professional Learning	Tier 1		09/03/2019	06/12/2020	\$625	Title II Part A	Administration and Teaching Staff

Goal 2: Math Proficiency

Measurable Objective 1:

80% of Third, Fourth and Fifth grade students will demonstrate a proficiency on the 2020 State Assessment in Mathematics by 06/12/2020 as measured by Proficiency of 2020 Math State Assessment.

Strategy 1:

Critical Thinking - Students will construct viable arguments, and critique the reasoning of others in mathematics.

Category: Mathematics

Research Cited: Bajracharya, Indra. "Teaching Mathematics Through ABCModel of Critical thinking." Mathematics Education Forum . II. (2010): 13-17.

Hamilton, Laura. "Studying Large-Scale Reforms of Instructional Practice: An Example from Mathematics and Science." Educational Evaluation and Policy Analysis . 25.1 (2003): 1-29.

Chet, Meyers. Teaching Students to Think Critically. San Francisco: Jossey-Bass, 1986.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Smith, V.G. & Szymanski, A. (2013). Critical thinking: More than test scores. *International Journal of Educational Leadership Preparation*, 8 (2), 15-24.

Tier: Tier 1

Activity - Math Expressions	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Continue using "Math Expressions" which is aligned with the Common Core Standards.	Direct Instruction	Tier 2	Monitor	09/03/2019	06/12/2020	\$5000	General Fund	All classroom teachers and Administrators.

Activity - Montessori Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators and teaching staff will attend and participate in a Montessori based Professional Development emphasizing critical thinking in math.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$2350	Title II Part A	Administrators and teaching staff

Strategy 2:

Proficiency of basic math operations. - Implementation of a school wide plan to give students daily lessons and practice on basic math operations.

Category: Mathematics

Research Cited: Scott Baker, Russell Gersten and Dae-Sik Lee, "A Synthesis of Empirical Research on Teaching Mathematics to Low-Achieving Students". *The Elementary School Journal*, Vol. 103, No. 1(Sep., 2002), pp. 51-73

Fuchs, L.S., Fuchs, D., & Karns, K. "Enhancing kindergarten children's mathematics development: Effects of peer assisted learning strategies". *Elementary School Journal*.

Mercer, C. D. & Miller, S. P. (1992). "Teaching students with learning problems to acquire, understand, and apply basic math facts". *Remedial and Special Education*, 13(3), 19-35.

Rhymer, K. N., Skinner, C. H., Jackson, S., McNeill, S., Smith, T., & Jackson, B. (2002). "The 1-minute explicit timing intervention: The influence of mathematics problem difficulty". *Journal of Instructional Psychology*, 29(4), 305-311.

Bryant, B. R., Bryant, D. P., Kethley, C., Kim, S. A., Pool, C., & Seo, Y.

(2008). Preventing mathematics difficulties in the primary grades:

The critical features of instruction in textbooks as part of the equation. *Learning Disability Quarterly*, 31, 21-35.

Guskey, T. R. (2010). *Lessons of mastery learning*. Educational

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Leadership, 68(2), 52-57.

Guskey, T. R. (2007). Closing achievement gaps: Revisiting Benjamin S. Bloom's "Learning for Mastery". Journal of Advanced Academics, 19, 8-31.

Tier: Tier 1

Activity - NWEA Measures of Academic Progress Math Testing	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
NWEA Testing in the fall and spring to monitor student progress.	Direct Instruction	Tier 1	Evaluate	09/03/2019	06/12/2020	\$1000	Other	All Kindergarten-5th grade teachers and Administrators.

Activity - Fluency Checks and Timed Math Tests	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will do fluency check activities on a weekly basis to strengthen basic math skills.	Direct Instruction	Tier 1	Implement	09/03/2019	06/12/2020	\$0	No Funding Required	All classroom teachers and Administrators.

Activity - Applying Reports and Using Data To Improve Student Achievement in Math	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Training for teaching staff and administration on how to apply NWEA and M-STEP reports and data and how to use this to improve student achievement in math.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	All Teaching Staff and Administration

Activity - Number Talks Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Math training that will introduce teachers to the theory, structure and focus of math appropriate for their grade span. Teachers will interact throughout the day in a hands-on approach with opportunities to reflect on their current practices and target essential understandings called for in the Michigan Math Standards.	Professional Learning	Tier 1		09/03/2019	06/12/2020	\$2400	Title II Part A	Teaching staff and administration.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Activity - New Teacher Training For Math Proficiency	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
New Teacher Academy Professional Development for Beginning Teachers to enhance professional growth in Math and Language Arts	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$625	Title II Part A	Administration and Teaching Staff

Goal 3: Science Proficiency

Measurable Objective 1:

A 2% increase of All Students will demonstrate a proficiency on the 2020 State Assessment in Science by 06/12/2020 as measured by 2020 State Assessment.

Strategy 1:

Science Skills - The staff will focus on science skills daily and integrate it across the curriculum. Hands-on labs, science explorations, and family projects will be encouraged.

Category: Science

Research Cited: Anderson, Susan. "Standards are not enough: interview with Angelo Collins, director of the national science education standards project (1991-1995), and associate director for NCISLA". Principled Practice in Mathematics & Science. 3.1 (Spring 1999): 2.

Stohr-Hunt, P.M. "An Analysis of Frequency of Hands-On Experience and Science Achievement." Journal of Research in Science Teaching, 33(1996): 101-109.

Raghavan, Kalyani, Shira Cohen-Regev, and Shelley A. Strobel. "Student Outcomes in a Local Systemic Change Project." In School Science and Mathematics Journal, 101.8 (2001).

Michigan Technological University. "How do teachers integrate STEM into K-12 classrooms?." ScienceDaily. ScienceDaily, 27 February 2018. <www.sciencedaily.com/releases/2018/02/180227155844.htm>.

Metz, K.E. (2008). Narrowing the gulf between the practices of science and the elementary school science classroom. Elementary School Journal, 109(2), 138-161.

Kanter, D.E. (2010). Doing the project and learning the content: Designing project-based science curricula for meaningful understanding. Science Education, 94(3), 525-551.

Tier: Tier 1

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Activity - Family Science Projects	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The staff will implement family science projects, Earth Day Expo, and Invention Convention to foster student interest and create bonds with families on learning and working together.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	No Funding Required	All teaching staff and Administrators.
Activity - Creating Meaning through the Crosscutting Concepts	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will participate in a Professional Development centered around the Next Generation Science Standards with a focus on Disciplinary Core Ideas (DCI) and Science and Engineering Practices (SEP).	Professional Learning	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$1400	Title II Part A	Administration and science instruction staff
Activity - Exploration and Modeling	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Staff will participate in a Professional Development centered around providing opportunities in the classroom for investigations.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$60	Title II Part A	Administration and science instruction staff
Activity - Integrating Science and Next Generation Science Standards Into the Montessori Classroom	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional Development for teaching staff on integrating Science into the Montessori classroom and across all subject areas.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$0	No Funding Required	Teaching Staff and Administration

Goal 4: Technology Proficiency

Measurable Objective 1:

demonstrate a proficiency to expand the avenues for students to use technology for research, scientific projects, composition, and presentation in all subject areas by 06/12/2020 as measured by our students proficiency in technology will be measured by their ability to integrate technology into their school work and lives.

Strategy 1:

Practical Applications Of Technology In The Real World - By Fifth Grade, students will create a Powerpoint, compose a writing piece, create a spreadsheet and insert a chart. Furthermore, they will be able to utilize and insert clip art, tables, bullet tabs, manipulate fonts, alignment and spacing. To assist with implementation, technological hardware and software will need to be upgraded and acquired to insure that all students are provided adequate opportunities for equal access to

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

technology instruction.

Category: Technology

Research Cited: J. Williamson, L. Newton, D. Moseley, S. Higgins, R. Bramald, F. Hardman, J. Miller, M. Mroz, H. Tse, D. Newton, and I.

Thompson, Ways forward with ICT: effective pedagogy using information and communications technology for literacy and numeracy in primary schools, <http://www.leeds.ac.uk/educol/documents/00001369.htm>, Sep. 1999.

The Use and Misuse of Computers in Education: Evidence from a Randomized Experiment in Colombia, World Bank Policy Research Working Paper Series, 2009.

Bilton, N. (2014)

Steve Jobs Was a Low Tech Parent. [http://](http://www.nytimes.com/2014/09/11/fashion/steve-jobsapple-was-a-low-tech-parent.htm)

www.nytimes.com/2014/09/11/fashion/steve-jobsapple-was-a-low-tech-parent.htm

Parkes, A; Sweeting, H; Wight D, & Henderson, M. (2012)

Do Television and Electronic Games Predict Children's Psychosocial

Adjustment? Longitudinal Research Using the UK

Millenium Cohort Study. [http://adc.bmj.com/content/](http://adc.bmj.com/content/early/2013/02/21/archdischild-2011-301508.full)

[early/2013/02/21 /archdischild-2011-301508.full](http://adc.bmj.com/content/early/2013/02/21/archdischild-2011-301508.full)

Tier: Tier 1

Activity - Instruction In Microsoft Office	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
--	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

<p>Students will receive direct instruction in Computer Class on Microsoft Office including Word, Powerpoint and Excel. By using these programs the students will learn to create a Powerpoint, and compose a writing piece within a Powerpoint. In Excel the students will create a simple spreadsheet, and insert a chart. In Word students will utilize clip art, tables, bullet tabs, and be able to manipulate fonts, alignment and spacing.</p>	<p>Technology , Direct Instruction, Professional Learning</p>	<p>Tier 1</p>	<p>Implement</p>	<p>09/03/2019</p>	<p>06/12/2020</p>	<p>\$0</p>	<p>No Funding Required</p>	<p>Allison Rousseau - Curriculum Coach will provide oversight and Professional Development on Technology and Classroom Technology Instruction. Computer/Technology Teacher who will provide direct instruction to the students on technology.</p>
---	---	---------------	------------------	-------------------	-------------------	------------	----------------------------	---

Goal 5: Social Studies Proficiency

Measurable Objective 1:

A 5% increase of All Students will demonstrate student proficiency (pass rate) Social Studies M-STEP in Social Studies by 06/12/2020 as measured by increase in students proficient on the Fifth Grade Social Studies State Assessment..

Strategy 1:

Implementation and Enhancement of Michigan Citizenship Collaborative Curriculum (MC3) - Teaching staff will be provided professional development on implementation and enhancement of the Michigan Citizenship Collaborative (MC3) currently in use in the building. Through this enhanced training teaching staff will be able to better implement the MC3 in their classrooms. Through observation by administration in the classrooms, staff will be monitored to ensure faithful and correct implementation of MC3.

Category: Social Studies

Research Cited: Klingner, J. K., Vaughn, S., and Schumm, J. S. (1998)

. Collaborative strategic reading during social studies in heterogeneous fourth-grade classrooms. The Elementary School Journal, 99, 3-22.

National Council for the Social Studies. (2010). National curriculum standards for social studies: A framework for teaching, learning, and assessment. Silver Spring, MD:

Author. Information about these standards is accessible at <http://www.socialstudies.org/standards>.

Donovan, S., and Bransford, J. (Eds.). (2005). How students learn: History in the classroom. Washington, DC: National Academies Press.

Brophy, J., and VanSledright, B. (1997). Teaching and learning history in elementary schools. New York: Teachers College Press.

Brophy, J., and Alleman, J. (2008). Early elementary social studies. In L. Levstik and C. Tyson, (Eds.), Handbook of research in social studies education (pp. 33-49). New York: Routledge.

National Governors Association Center for Best Practices and Council of Chief State School Officers. (2010a). Common core state standards for English language arts and literacy in history/ social studies, science, and technical subjects. Washington, DC:

Author.

Tier: Tier 1

Activity - Michigan Citizenship Collaborative Curriculum Training (MC3)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies training on how to implement and enhance the Michigan Citizenship Collaborative Curriculum (MC3) currently in use in the building. Due to the M-STEP Social Studies portion covering First-Fifth Grade curriculum, this training will allow our teachers to align with content covered by the assessment, therefore increasing achievement scores.	Professional Learning	Tier 2	Implement	09/03/2019	06/12/2020	\$1400	Title II Part A	Teaching staff and administration.

Goal 6: Increased Physical Activity and Health Opportunities To Assist Behavioral, Physical and Mental Health

Measurable Objective 1:

A 20% decrease of All Students will increase student growth Decrease in discipline referrals in Health/Physical Education by 06/12/2020 as measured by a decrease in discipline referrals to the Office for behavioral and health issues..

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Strategy 1:

Increased Physical Activity and Health Time - The administration at Mt. Clemens Montessori Academy will use funding to increase Physical Education/Health Class time. As a result of this increase in class time, students will receive instruction in health, maturity, and physical instruction. Through increased physical activity, the administration and staff look to increase academic achievement and decrease discipline referrals for behavior and adolescent issues.

Category: Other - Physical/Health Education

Research Cited: Castelli DM, Hillman CH, Buck SM, Erwin HE. Physical fitness and academic achievement in third- and Fifth grade students. *Journal of Sport and Exercise Psychology* 2007;29(2):239–252.

Tomporowski PD, Davis CL, Miller PH, Naglieri JA. Exercise and children’s intelligence, cognition, and academic achievement. *Educational Psychology Review* 2008;20(2):111–131.

Pellegrini AD, Huberty PD, Jones I. The effects of recess timing on children’s playground and classroom behaviors. *American Educational Research Journal* 1995;32(4):845–864.

Mahar MT, Murphy SK, Rowe DA, Golden J, Shields AT, Raedeke TD. Effects of a classroom-based program on physical activity and on-task behavior. *Medicine and Science in Sports and Exercise* 2006;38(12):2086–2094.

Tier: Tier 1

Activity - Increased Physical Education Class Time	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students and Mt. Clemens Montessori Academy will receive increased Physical Education and Health Class Time.	Behavioral Support Program	Tier 1	Implement	09/03/2019	06/12/2020	\$5000	Title IV Part A	Administration and Physical Education Staff
Activity - HIV/AIDS, Reproductive Health, and Sexuality Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrative Staff will receive training in HIV/AIDS, reproductive health, and sexuality education. This training will allow Mt. Clemens Montessori Academy to meet State requirements, while giving administrative staff additional tools and expertise to assist students with maturity and sexual issues that appear to be surfacing at an increasing younger age.	Professional Learning	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$75	Title II Part A	Administration

Goal 7: To increase parental involvement to broaden the educational opportunities for our students.

Measurable Objective 1:

collaborate to Increase parent involvement in the school to benefit the child's academic and social growth. by 06/12/2020 as measured by a 30% increase in parental involvement in school activities..

Strategy 1:

Parental Education Sessions - The Academy will schedule social and academic events during the school day and evening for family involvement. This will include fun nights, math/science night, parenting workshops, curriculum discussions, and arts nights. It is through these events that parents will have the opportunity to learn of methods to increase involvement in their child's education and positive parenting methods.

Category: School Culture

Research Cited: Henderson, A.T., and K.L. Mapp. 2002. A New Wave of Evidence: The Impact of School, Family, and Community Connections on Student Achievement. National Center for Family and Community Connections with Schools, Southwest Educational Development Laboratory.

National PTA. 2000. Building Successful Partnerships: A Guide for Developing Parent and Family Involvement Programs. Bloomington, Indiana: National Education Service, 11–12.

Henderson, A.T., and Nancy Berla. 1995. A New Generation of Evidence: The Family Is Critical to Student Achievement. Washington, DC: Center for Law and Education, 14–16.

Epstein, J. L., et al. (2009). School, family, and community partnerships: Your handbook for action, second edition. Thousand Oaks, CA: Corwin Press.

Tier: Tier 1

Activity - Parent Education/Curriculum Nights	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To provide parent education sessions and instructions on ways to increase student and parent knowledge in classroom curriculum and activities. Sessions will be organized and facilitated by MTCMA teaching and Administrative staff. Outside facilitators may be brought in as needed.	Parent Involvement	Tier 1		08/01/2019	06/12/2020	\$2175	Title IV Part A	Administration and Teaching Staff

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Creating Meaning through the Crosscutting Concepts	Staff will participate in a Professional Development centered around the Next Generation Science Standards with a focus on Disciplinary Core Ideas (DCI) and Science and Engineering Practices (SEP).	Professional Learning	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$1400	Administration and science instruction staff
Exploration and Modeling	Staff will participate in a Professional Development centered around providing opportunities in the classroom for investigations.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$60	Administration and science instruction staff
Number Talks Professional Development	Math training that will introduce teachers to the theory, structure and focus of math appropriate for their grade span. Teachers will interact throughout the day in a hands-on approach with opportunities to reflect on their current practices and target essential understandings called for in the Michigan Math Standards.	Professional Learning	Tier 1		09/03/2019	06/12/2020	\$2400	Teaching staff and administration.
New Teacher Training For Math Proficiency	New Teacher Academy Professional Development for Beginning Teachers to enhance professional growth in Math and Language Arts	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$625	Administration and Teaching Staff
Montessori Professional Development	Administrators and teaching staff will attend and participate in a Montessori based Professional Development emphasizing critical thinking in math.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$2350	Administrators and teaching staff
New Teacher Training For Reading Proficiency	New Teacher Academy Professional Development for Beginning Teachers to enhance professional growth in Math and Language Arts	Professional Learning	Tier 1		09/03/2019	06/12/2020	\$625	Administration and Teaching Staff
Conscious Discipline	Conscience Discipline Training and materials for instructional teaching staff in ten sessions throughout the school year. Professional Development will enable staff to respond effectively and consciously to daily conflict, while transforming it into an opportunity to teach critical thinking skills to our students.	Behavioral Support Program	Tier 1	Implement	09/03/2019	06/12/2020	\$2000	Entire staff

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Montessori Professional Development	Administrators and teaching staff will attend and participate in a Montessori based Professional Development emphasizing critical thinking skills in reading.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$2200	Administrators and all teaching staff
Michigan Citizenship Collaborative Curriculum Training (MC3)	Social Studies training on how to implement and enhance the Michigan Citizenship Collaborative Curriculum (MC3) currently in use in the building. Due to the M-STEP Social Studies portion covering First-Fifth Grade curriculum, this training will allow our teachers to align with content covered by the assessment, therefore increasing achievement scores.	Professional Learning	Tier 2	Implement	09/03/2019	06/12/2020	\$1400	Teaching staff and administration.
HIV/AIDS, Reproductive Health, and Sexuality Education	Administrative Staff will receive training in HIV/AIDS, reproductive health, and sexuality education. This training will allow Mt. Clemens Montessori Academy to meet State requirements, while giving administrative staff additional tools and expertise to assist students with maturity and sexual issues that appear to be surfacing at an increasing younger age.	Professional Learning	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$75	Administration
Growing Good Readers	Through the implementation of "Growing Good Readers," teachers will have an in depth understanding of a balanced literacy framework, foundational skills, components of reading and writing instruction, and meaningful literacy centers. Effective instruction includes the components of a balanced literacy approach on a daily basis with time for students to practice skills and strategies.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$600	School Administration and Teaching Staff.

Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
NWEA Measures of Academic Progress Math Testing	NWEA Testing in the fall and spring to monitor student progress.	Direct Instruction	Tier 1	Evaluate	09/03/2019	06/12/2020	\$1000	All Kindergarten-5th grade teachers and Administrators.
NWEA Measures of Academic Progress	NWEA Reading Testing in the fall and spring.	Other	Tier 1	Evaluate	09/03/2019	06/12/2020	\$1000	All Kindergarten through Fifth Grade teachers and Administrators.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Title IV Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Increased Physical Education Class Time	Students and Mt. Clemens Montessori Academy will receive increased Physical Education and Health Class Time.	Behavioral Support Program	Tier 1	Implement	09/03/2019	06/12/2020	\$5000	Administration and Physical Education Staff
Conscious Discipline	Conscience Discipline Training and materials for instructional teaching staff in ten sessions throughout the school year. Professional Development will enable staff to respond effectively and consciously to daily conflict, while transforming it into an opportunity to teach critical thinking skills to our students.	Behavioral Support Program	Tier 1	Implement	09/03/2019	06/12/2020	\$2000	Entire staff
Parent Education/Curriculum Nights	To provide parent education sessions and instructions on ways to increase student and parent knowledge in classroom curriculum and activities. Sessions will be organized and facilitated by MTCMA teaching and Administrative staff. Outside facilitators may be brought in as needed.	Parent Involvement	Tier 1		08/01/2019	06/12/2020	\$2175	Administration and Teaching Staff
Creating Trauma Informed Classrooms	Training and Professional Development on Trauma Informed Classrooms including working with children of trauma, healing from the experience of trauma and working with students to develop mind body skills for emotional regulation.	Behavioral Support Program	Tier 1	Getting Ready	09/03/2019	06/12/2020	\$2175	Administration and Teaching Staff

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Math Expressions	Continue using "Math Expressions" which is aligned with the Common Core Standards.	Direct Instruction	Tier 2	Monitor	09/03/2019	06/12/2020	\$5000	All classroom teachers and Administrators.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Wordly Wise	"Wordly Wise" provides direct academic vocabulary instruction that develops the critical link between vocabulary and reading comprehension. Direct instruction of important, useful, or difficult words for each grade level helps students successfully comprehend content-area texts and improve test results.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$1000	Administration (working with Teachers to implement) and Teacher (direct instruction with students).
Being a Writer	"Being a Writer" will continue to be used in grades 1st-5th for all students. Literature based materials will enhance reading comprehension and writing.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$200	Administrators and all teaching staff.
Teacher Web Pages	Teachers will continue to maintain webpages for parent and student communication.	Technology	Tier 1	Monitor	09/03/2019	06/12/2020	\$700	All teachers and Administrators.

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Harcourt Reading Assessment	Harcourt reading assessment evaluations will be used to target low level readers.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	All classroom teachers and Administrators.

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Instruction In Microsoft Office	Students will receive direct instruction in Computer Class on Microsoft Office including Word, Powerpoint and Excel. By using these programs the students will learn to create a Powerpoint, and compose a writing piece within a Powerpoint. In Excel the students will create a simple spreadsheet, and insert a chart. In Word students will utilize clip art, tables, bullet tabs, and be able to manipulate fonts, alignment and spacing.	Technology , Direct Instruction, Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$0	Allison Rousseau - Curriculum Coach will provide oversight and Professional Development on Technology and Classroom Technology Instruction. Computer/Technology Teacher who will provide direct instruction to the students on technology.
Family Science Projects	The staff will implement family science projects, Earth Day Expo, and Invention Convention to foster student interest and create bonds with families on learning and working together.	Direct Instruction	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	All teaching staff and Administrators.
Integrating Science and Next Generation Science Standards Into the Montessori Classroom	Professional Development for teaching staff on integrating Science into the Montessori classroom and across all subject areas.	Professional Learning	Tier 1	Implement	09/03/2019	06/12/2020	\$0	Teaching Staff and Administration
Reader's Workshop	Teachers will take an in depth look at the components of the Reader's Workshop/MAISA Units. As a result of Reader's Workshop, teachers will incorporate partner reading and mini lessons into their reading curriculum to complement individualized Montessori instruction.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	Administration and Teaching Staff.
Applying Reports and Using Data To Improve Student Achievement In Reading	Professional Development for teaching staff on administration and how to apply NWEA and M-STEP reports and data and how to use this to improve student achievement in reading.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	All Teaching Staff and Administration

Plan for Single Building District Improvement Plan 2019-2020

Mt. Clemens Montessori Academy

Fluency Checks and Timed Math Tests	Students will do fluency check activities on a weekly basis to strengthen basic math skills.	Direct Instruction	Tier 1	Implement	09/03/2019	06/12/2020	\$0	All classroom teachers and Administrators.
Read Naturally	The First-Second Grade Teachers and Reading Support Teachers will use "Read Naturally" to help struggling and developing readers improve their literacy skills and become confident, independent readers. By use of audio support and progress tracking, students work with high-interest material at their skill level to improve fluency, vocabulary, and comprehension.	Academic Support Program	Tier 2	Monitor	09/03/2019	06/12/2020	\$0	1st and 2nd grade teachers, reading support teachers, and Administrators.
Applying Reports and Using Data To Improve Student Achievement in Math	Training for teaching staff and administration on how to apply NWEA and M-STEP reports and data and how to use this to improve student achievement in math.	Professional Learning	Tier 1	Monitor	09/03/2019	06/12/2020	\$0	All Teaching Staff and Administration

Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Discover Intensive Phonics	All 1st-3rd grade teachers will use "Discover Intensive Phonics" in the classroom with students. The reading support teachers will also use the program with identified at-risk students.	Academic Support Program	Tier 2	Monitor	09/03/2019	06/12/2020	\$500	All classroom teachers and Administrators.