

Plan for District Improvement Plan 18- 19

East Lansing School District

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Overview

Plan Name

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Plan Description

DIP 18-19

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	All students in East Lansing Public Schools will become proficient readers.	Objectives: 2 Strategies: 2 Activities: 12	Academic	\$936705
2	All students will be proficient in Mathematics.	Objectives: 2 Strategies: 3 Activities: 5	Academic	\$628729
3	All students will be proficient in science	Objectives: 1 Strategies: 2 Activities: 2	Academic	\$10000
4	All students will demonstrate appropriate behavior to ensure a safe learning environment.	Objectives: 2 Strategies: 3 Activities: 4	Organizational	\$19300
5	All students will be proficient in Social Studies.	Objectives: 1 Strategies: 1 Activities: 1	Academic	\$1000

Goal 1: All students in East Lansing Public Schools will become proficient readers.

Measurable Objective 1:

A 2% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency in reading comprehension & fluency in Reading by 06/07/2019 as measured by state assessments.

(shared) Strategy 1:

Core Reading Block Instruction - Teachers will instruct literacy in a 90-minute instructional reading block for all students using newly updated CCSS-aligned instructional resources.

Category: English/Language Arts

Research Cited: Research from the National Reading Panel Report,

A district audit based on the Planning and Evaluation Tool for Effective Schoolwide Reading Programs PET-R,

MiBLSi/Rtl training and research based practices for the implementation of a core reading program,

Research from the What Works Clearinghouse,

Research on best practice literacy programs from the Hanover Research Council, and

we used a Consumer's Guide to Analyzing a core Reading Program: Critical Elements. IES guide for

Adolescent Literacy in the Research section: Intervention Practices. IES Practice Guide. What Works

Clearinghouse, 2008. http://ies.ed.gov/ncee/wwc/pdfpractiveguides/adlit_pg_082608.pdf.

Reading in the Discipline: The Challenges of Adolescent Literacy- Lee and Sprately

Improving Adolescent Literacy: Effective Classroom and Intervention Practices

Reading Next

, district level performance data subsequent to implementation and Hattie, John Visible Learning for Teachers, 2012 Routledge Publishing.

Hattie, John Visible Learning for Teacher

Tier: Tier 1

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

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Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Section 31a	Intervention teachers
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Activity - Title I Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Title I teachers and paraprofessionals will work with identified Title 1 students in reading. Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support. Donley: \$128,402 Pinecrest: \$172,399 including teachers, para professionals, District Title I Coordinator, and PBIS Behavior Interventionist. Title I staff to support in district ELA literacy strategies and activities through professional development PLCs. Tier two support for teachers in Math. Intervention strategies using Math Expressions. Monitor the implementation of instructional and behavioral strategies through collegial walk throughs to support student engagement strategies within core instruction. Schools: Pinecrest Elementary School, Donley Elementary School	Direct Instruction	Tier 2	Monitor	08/28/2018	06/07/2019	\$300801	Title I Part A	Title I teachers and paraprofessionals Principals District Title I Coordinator PBIS Behavior Interventionist

Activity - ELL Before / After Program	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, East Lansing High School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	Title III	ELL teacher

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

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Resources to support instruction: Grapeseed Support materials and Imagine Learning licenses/PD	Academic Support Program, Professional Learning, Materials	Tier 3	Implement	08/28/2018	06/07/2019	\$4386	Title III	ELL teachers Principals
Schools: All Schools								

Activity - ELL Summer School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
2 ELL teachers, 2 para professionals for summer school program for approx. 20-40 ELL students. The ELL summer program is designed to help ELL students learn through experiential learning (a process through which students develop knowledge, skills, and values from direct experiences outside a traditional academic setting). Summer School programming includes one science-themed field trip, bussing, and books to support a summer reading program.	Field Trip, Academic Support Program, Direct Instruction, Materials	Tier 3	Implement	06/10/2019	08/23/2019	\$9919	Title III	EL Summer Coordinator EL teachers EL paraprofessionals Principal
Schools: All Schools								

Activity - Instructional Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Title II Part A	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School								

Activity - Sheltered ESL instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
.2 FTE ESL-certified teacher will provide sheltered ESL instruction to students scoring 2.9 or below on 2017 WIDA.	Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$15604	Section 41	ESL-certified teacher
Schools: All Schools								

Activity - ELL Program Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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ELL Program Coordinator for the school year and for summer school program. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	General Fund	Director of Curriculum, Instruction and Assessment ELL Program Coordinator
Activity - Extended Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Before and or after school extended learning program for identified students. Reading and or Math intervention. Schools: Pinecrest Elementary School, Donley Elementary School	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Title I Part A	Principal Teachers
Activity - K-3 Reading Kits	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
K-3 structured reading kits (Literacy Footprints) to be used as a part of the reading instruction. Schools: Donley Elementary School	Curriculum Development	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$10897	Title I Part A	Principal Teachers
Activity - Administrator Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All K-12 administrators and central office administrators will engage in professional learning from Debbie McFalone (McFalone Consulting Services). Professional learning will concentrate on effective leadership and teacher training, teacher evaluation, best practice teacher development. Schools: All Schools	Professional Learning	Tier 1	Getting Ready	07/30/2018	06/21/2019	\$14741	Title II Part A	Superintendent Director of Curriculum, Instruction and Assessment Central Office Directors K-12 Administrators

Strategy 2:

AVID - AVID programming at grades 9-12 will be implemented.

Category: Career and College Ready

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Research Cited: AVID

Tier: Tier 2

Activity - AVID Implementation and Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
AVID programming will be implemented by the AVID elective teachers in the AVID elective. AVID strategies will be utilized by core and elective teachers who have been trained in AVID methods. Teachers will continue to participate in AVID training. Schools: East Lansing High School	Direct Instruction, Professional Learning	Tier 2	Implement	08/28/2018	06/07/2019	\$220000	Section 31a	High School administrators and teachers

Measurable Objective 2:

A 6% increase of Economically Disadvantaged students will demonstrate a proficiency in reading fluency and comprehension in Reading by 06/07/2019 as measured by the state assessment.

(shared) Strategy 1:

Core Reading Block Instruction - Teachers will instruct literacy in a 90-minute instructional reading block for all students using newly updated CCSS-aligned instructional resources.

Category: English/Language Arts

Research Cited: Research from the National Reading Panel Report,

A district audit based on the Planning and Evaluation Tool for Effective Schoolwide Reading Programs PET-R,

MiBLSi/Rtl training and research based practices for the implementation of a core reading program,

Research from the What Works Clearinghouse,

Research on best practice literacy programs from the Hanover Research Council, and

we used a Consumer's Guide to Analyzing a core Reading Program: Critical Elements. IES guide for Adolescent Literacy in the Research section: Intervention Practices. IES Practice Guide. What Works Clearinghouse, 2008. http://ies.ed.gov/ncee/wwc/pdf/practiceguides/adlit_pg_082608.pdf.

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Hattie, John Visible Learning for Teacher

Tier: Tier 1

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Activity - Intervention	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.</p> <p>Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School</p>	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Section 31a	Intervention teachers

Activity - Title I Reading	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Title I teachers and paraprofessionals will work with identified Title 1 students in reading. Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.</p> <p>Donley: \$128,402 Pinecrest: \$172,399 including teachers, para professionals, District Title I Coordinator, and PBIS Behavior Interventionist.</p> <p>Title I staff to support in district ELA literacy strategies and activities through professional development PLCs.</p> <p>Tier two support for teachers in Math. Intervention strategies using Math Expressions.</p> <p>Monitor the implementation of instructional and behavioral strategies through collegial walk throughs to support student engagement strategies within core instruction.</p> <p>Schools: Pinecrest Elementary School, Donley Elementary School</p>	Direct Instruction	Tier 2	Monitor	08/28/2018	06/07/2019	\$300801	Title I Part A	Title I teachers and paraprofessionals Principals District Title I Coordinator PBIS Behavior Interventionist

Activity - ELL Before / After Program	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.</p> <p>Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, East Lansing High School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School</p>	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	Title III	ELL teacher

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Activity - ELL Summer School	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
2 ELL teachers, 2 para professionals for summer school program for approx. 20-40 ELL students. The ELL summer program is designed to help ELL students learn through experiential learning (a process through which students develop knowledge, skills, and values from direct experiences outside a traditional academic setting). Summer School programming includes one science-themed field trip, bussing, and books to support a summer reading program. Schools: All Schools	Field Trip, Academic Support Program, Direct Instruction, Materials	Tier 3	Implement	06/10/2019	08/23/2019	\$9919	Title III	EL Summer Coordinator EL teachers EL paraprofessionals Principal
Activity - Instructional Coaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Title II Part A	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Activity - Sheltered ESL instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
.2 FTE ESL-certified teacher will provide sheltered ESL instruction to students scoring 2.9 or below on 2017 WIDA. Schools: All Schools	Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$15604	Section 41	ESL-certified teacher
Activity - ELL Program Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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ELL Program Coordinator for the school year and for summer school program. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	General Fund	Director of Curriculum, Instruction and Assessment ELL Program Coordinator
Activity - Extended Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Before and or after school extended learning program for identified students. Reading and or Math intervention. Schools: Pinecrest Elementary School, Donley Elementary School	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Title I Part A	Principal Teachers
Activity - K-3 Reading Kits	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
K-3 structured reading kits (Literacy Footprints) to be used as a part of the reading instruction. Schools: Donley Elementary School	Curriculum Development	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$10897	Title I Part A	Principal Teachers
Activity - Administrator Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All K-12 administrators and central office administrators will engage in professional learning from Debbie McFalone (McFalone Consulting Services). Professional learning will concentrate on effective leadership and teacher training, teacher evaluation, best practice teacher development. Schools: All Schools	Professional Learning	Tier 1	Getting Ready	07/30/2018	06/21/2019	\$14741	Title II Part A	Superintendent Director of Curriculum, Instruction and Assessment Central Office Directors K-12 Administrators

Goal 2: All students will be proficient in Mathematics.

Measurable Objective 1:

A 4% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult, Ungraded and All grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will demonstrate a proficiency in key skill application in Mathematics by 06/15/2018 as measured by the state assessment.

(shared) Strategy 1:

Instructional Coaching - A district instructional coach will provide coaching sessions with teachers to develop deep knowledge of mathematical understanding and application to daily instruction. This will be guided by MTSS, assessment, curriculum alignment, and pedagogic understanding supported by the instructional coaches to improve the delivery of instruction and improved student performance.

Category: Mathematics

Research Cited: Hattie, John "Visible Learning for Teachers, Feldman, Kevin "Student Engagement", Schmidt, Bill "The Mathematical Coherency Model of Aligned Curriculum", Common Core State Standards for math, The District assessment data (MEAP, IOWA, ACT Explore & Plan assessments, MME, and grade level assessment, Math AIMSweb screener data, NAEP)and TIMMS /MSU PROM/SE research on alignment and coherency, tier 1 , 2, 3 intervention program research,and the new CCSS provided a compilation of research to support our strategies. We also reviewed the IES Practice Guide: Organizing Instruction and Study to Improve Student Learning (Sept. 2007, What Works Clearing House (NCER 2007-2004, U.S. Department of Education (<http://ies.ed.gov/ncee/wwc/pdf/practiceguides/20072004.pdf>), "A Review of the Literature in adult Numeracy: Research and Conceptual Issues" (2006) Prepared by The American Institutes for research Prepared for : Office of Vocational and Adult Education, Division of Adult Education and Literacy, U.S. Dept. of Education. <http://www2.ed.gov/about/offices/list/ovae/pi/AdultEd/numlitrev.doc>, Effective Teaching for the Development of Skill and Conceptual Understanding of Numbers: What is Most Effective? National Council for Teachers of Mathematics. http://www.mctm.org/uploadedFiles/Research_News_and_Briefs/Research_brief_01_-_Effective_Teaching.pdf, "Learning to Think Mathematically: Problem Solving, Metacognition, and Sensemaking in Mathematics" Alan H. Schoenfeld, 1992. http://www.wgse.berkeley.edu/faculty/AHSchoenfeld/Schoenfeld_MathThinking.pdf, IES Practice Guide: Using Student Achievement Data to Support Instructional Decision Making September 2009. NCEE 2009-4067; U.S. Department of Education http://ies.ed.gov/ncee/wwc/pdf/practiceguides/dddm_pg_092909.pdf, International Center for Leadership in Education 2007, and through internal action research with MSU on the implementation of the common core / iPad study.

Tier: Tier 1

Activity - Job Embedded Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Title II Part A	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach
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(shared) Strategy 2:

Intervention and Fluency in Mathematics - In grades K - 5, ten minutes of daily instructional time will be dedicated to math fluency.

Category: Mathematics

Research Cited: Geary, D. C. (1994). Children's mathematical development: Research and practical applications. Washington, DC: American Psychological Association.

Geary, D. C., Bailey, D. H., Littlefield, A., Wood, P., Hoard, M. K., & Nugent, L. (2009). First-grade predictors of mathematical learning disability: A latent class trajectory analysis. *Cognitive Development*, 34, 411-429.

Geary, D. C., Nugent, L., Hoard, M. K., & Byrd-Craven, J. (2007). Strategy use, long-term memory, and working memory capacity. In D. B. Berch & M. M. M. Mazzocco (Eds.), *Why is Math So Hard for Some Children? The Nature and Origins of Mathematical Learning Difficulties and Disabilities* (pp. 83-105). Baltimore, MD: Paul H. Brookes Publishing Co.

Gersten, R., Beckmann, S., Clarke, B., Foegen, A., Marsh, L., Star, J. R., et al. (2009). Assisting students struggling with mathematics: Response to Intervention (RtI) for elementary and middle schools (NCEE 2009-4060). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education. Retrieved March 26, 2011, from http://ies.ed.gov/ncee/wwc/pdf/practiceguides/rti_math_pg_042109.pdf

Groen, G. J., & Poll, M. (1973). Subtraction and the solution of open sentence problems. *Journal of Experimental Child Psychology*, 16, 292-302.

Hasselbring, T. S., Goin, L. I., & Bransford, J. D. (1987). Developing automaticity. *Teaching Exceptional Children*, 19(3), 30-33.

Hatfield, M., Edwards, N.T., Bitter, Gary G. (1997). *Mathematics methods for elementary and middle school teachers*. Boston: Allyn and Bacon.

Haughton, E. C. (1972). Aims: Growing and sharing. In J. B. Jordan & L. S. Robbins (Eds.), *Let's try doing something else kind of thing* (20-39). Arlington, VA: Council on Exceptional Children.

Isaacs, A., & Carroll, W. (1999). Strategies for basic fact instruction. *Teaching Children Mathematics*, 5(9), 508-515.

Kail, R., & Hall, L. K. (1999). Sources of developmental change in children's word-problem performance. *Journal of Educational Psychology*, 91, 660-668.

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Menon, V. (2010). Developmental cognitive neuroscience of arithmetic: implications for learning and education. *Zdm*, 42(6), 515-525.

Miller, A. D., & Heward, W. L. (1992). Do your students really know their math facts? Using daily time trials to build fluency. *Intervention in School and Clinic*, 28(2), 98-104.

National Mathematics Advisory Panel. (2008). *Foundations for Success: The Final Report of the National Mathematics Advisory Panel*. Washington, DC: U.S. Department of Education.

NCTM. (2006). *Curriculum Focal Points for Kindergarten Through Grade 8 Mathematics: A Quest for Coherence*. Reston, VA: Author

Nelson, T. O., & Leonesio, R. J. (1988). Allocation of self-paced study time and the "labor-in-vain effect". *Journal of Experimental Psychology: Learning, Memory, and*

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Cognition, 14, 676–686.

Rivera, S. M., Reiss, A. L., Eckert, M. A., & Menon, V. (2005). Developmental changes in mental arithmetic: evidence for increased functional specialization in the left inferior parietal cortex. *Cerebral cortex*, 15(11), 1779-90.

Royer, J. M., Tronsky, L. N., Chan, Y., Jackson, S. J., & Merchant, H. (1999). Math fact retrieval as the cognitive mechanism underlying gender differences in math test performance. *Contemporary Educational Psychology*, 24, 181-266.

Shaw, R., Grayson, A., & Lewis, V. (2005). Inhibition, ADHD, and computer games: the inhibitory performance of children with ADHD on computerized tasks and games. *Journal of Attention Disorders*, 8, 160-168.

Skinner, C. H., Pappas, D. N., & Davis, K. A. (2005). Enhancing academic engagement: Providing opportunities for responding and influencing students to choose to respond. *Psychology in the Schools*, 42, 389 – 404.

Storm, B. C., Bjork, R. a., & Storm, J. C. (2010). Optimizing retrieval as a learning event: when and why expanding retrieval practice enhances long-term retention. *Memory & Cognition*, 38(2), 244-53.

Weaver, J. F. (1973). The symmetric property of the equality relation and young children's ability to solve open addition and subtraction sentences. *Journal for Research in Mathematics Education*, 4(1), 45-56.

Woodward, J. (2006). Developing automaticity in multiplication facts: Integrating strategy instruction with timed practice drills. *Learning Disabilities Quarterly*, 29(3), 269-289.

Zentall, S. S. (1990). Fact-retrieval automatization and math problem-solving: Learning disabled, attention disordered, and normal adolescents. *Journal of Educational Psychology*, 82, 856-865.

Tier: Tier 2

Activity - Math Fact Fluency	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provides struggling learners the appropriate interventions. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	No Funding Required	Teachers Principals

Activity - Title I Math	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Para professionals and teachers will be hired and trained to work with title I students in math. The Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support. Schools: Pinecrest Elementary School, Donley Elementary School	Academic Support Program	Tier 3	Implement	08/28/2018	06/07/2019	\$300801	Title I Part A	Principals Teachers Title I Coordinator PBIS Behavior Interventionist

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Activity - Extended Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Before and or after school extended learning program for identified students. Math and or Reading intervention. Schools: Pinecrest Elementary School, Donley Elementary School	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Title I Part A	Principal Teachers

Strategy 3:

AVID programming - AVID programming will be implemented at East Lansing High School.

Category: Career and College Ready

Research Cited: AVID

Tier: Tier 2

Activity - AVID Program Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
AVID elective teachers will implement AVID programming in their AVID elective classes. Other high school teachers will utilize AVID strategies in their core and elective classes. Teachers will continue to participate in ongoing AVID training. Schools: East Lansing High School	Direct Instruction, Professional Learning	Tier 2		08/28/2018	06/07/2019	\$220000	Section 31a	High School administrators and teachers

Measurable Objective 2:

A 8% increase of Economically Disadvantaged students will demonstrate a proficiency in skills and content application in Mathematics by 06/07/2019 as measured by the state assessment.

(shared) Strategy 1:

Instructional Coaching - A district instructional coach will provide coaching sessions with teachers to develop deep knowledge of mathematical understanding and application to daily instruction. This will be guided by MTSS, assessment, curriculum alignment, and pedagogic understanding supported by the instructional coaches to improve the delivery of instruction and improved student performance.

Category: Mathematics

Research Cited: Hattie, John "Visible Learning for Teachers, Feldman, Kevin "Student Engagement", Schmidt, Bill "The Mathematical Coherency Model of Aligned Curriculum", Common Core State Standards for math, The District assessment data (MEAP, IOWA, ACT Explore & Plan assessments, MME, and grade level assessment, Math AIMSweb screener data, NAEP)and TIMMS /MSU PROM/SE research on alignment and coherency, tier 1 , 2, 3 intervention program research,and the new CCSS provided a compilation of research to support our strategies. We also reviewed the IES Practice Guide: Organizing Instruction and Study to Improve Student Learning (Sept. 2007, What Works Clearing House (NCER 2007-2004, U.S. Department of Education (<http://ies.ed.gov/ncee/wwc/pdf/practiceguides/20072004.pdf>), "A Review of the Literature in adult Numeracy: Research and Conceptual Issues" (2006) Prepared by The American Institutes for research

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Prepared for : Office of Vocational and Adult Education, Division of Adult Education and Literacy, U.S. Dept. of Education. <http://www2.ed.gov/about/offices/list/ovae/pi/AdultEd/numlitrev.doc>, Effective Teaching for the Development of Skill and Conceptual Understanding of Numbers: What is Most Effective? National Council for Teachers of Mathematics. http://www.mctm.org/uploadedFiles/Research_News_and_Briefs/Research_brief_01_-_Effective_Teaching.pdf, "Learning to Think Mathematically: Problem Solving, Metacognition, and Sensemaking in Mathematics" Alan H. Schoenfeld, 1992. http://www.gse.berkeley.edu/faculty/AHSchoenfeld/Schoenfeld_Math_Thinking.pdf, IES Practice Guide: Using Student Achievement Data to Support Instructional Decision Making September 2009. NCEE 2009-4067; U.S. Department of Education http://ies.ed.gov/ncee/wwc/pdf/practiceguides/ddd_pg_092909.pdf, International Center for Leadership in Education 2007, and through internal action research with MSU on the implementation of the common core / iPad study.
Tier: Tier 1

Activity - Job Embedded Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Title II Part A	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach

(shared) Strategy 2:

Intervention and Fluency in Mathematics - In grades K - 5, ten minutes of daily instructional time will be dedicated to math fluency.

Category: Mathematics

Research Cited: Geary, D. C. (1994). Children's mathematical development: Research and practical applications. Washington, DC: American Psychological Association.

Geary, D. C., Bailey, D. H., Littlefield, A., Wood, P., Hoard, M. K., & Nugent, L. (2009). First-grade predictors of mathematical learning disability: A latent class trajectory analysis. *Cognitive Development*, 34, 411-429.

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- Royer, J. M., Tronsky, L. N., Chan, Y., Jackson, S. J., & Merchant, H. (1999). Math fact retrieval as the cognitive mechanism underlying gender differences in math test performance. *Contemporary Educational Psychology*, 24, 181-266.
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Tier: Tier 2

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Activity - Math Fact Fluency	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provides struggling learners the appropriate interventions.</p> <p>Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School</p>	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	No Funding Required	Teachers Principals
Activity - Title I Math	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Para professionals and teachers will be hired and trained to work with title I students in math. The Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.</p> <p>Schools: Pinecrest Elementary School, Donley Elementary School</p>	Academic Support Program	Tier 3	Implement	08/28/2018	06/07/2019	\$300801	Title I Part A	Principals Teachers Title I Coordinator PBIS Behavior Interventionist
Activity - Extended Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Before and or after school extended learning program for identified students. Math and or Reading intervention.</p> <p>Schools: Pinecrest Elementary School, Donley Elementary School</p>	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Title I Part A	Principal Teachers

Goal 3: All students will be proficient in science

Measurable Objective 1:

A 8% increase of Fifth, Eighth and Eleventh grade students will demonstrate a proficiency in critical science skills in Science by 06/07/2019 as measured by the state science assessment.

Strategy 1:

Integration of Next Generation Science strategies - K-8 teachers will pilot Next Generation Science Curriculum frameworks and choose a curriculum for the 2019-2020 school year.

Category: Science

Research Cited: John Hattie, IES practice Guides, Organizing Instruction and Study to Improve Student Learning, 2007

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Tier: Tier 1

Activity - Next Generation Science Pilot	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year. Schools: Whitehills Elementary School, Pinecrest Elementary School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	General Fund	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment

Strategy 2:

Professional Training - District Science Curricular Chairs supported by university and affiliated science education organizations (CASM, NSF WISE Project, MSU STEM, Ingham ISD, NGSX Project) will work collaboratively to develop a district framework for the implementation of the next generation science standards coupled with a STEM based framework to support teacher and student instructional pedagogy and scientific understanding. Selected K-8 teachers will pilot NGSX curriculum.

Category: Science

Research Cited: What Works Clearing House, Hanover Research Council meta analysis of best practice science education/STEM, CASM, WISE Project, NSF research on STEM, NGSS, MSU Create STEM, and 8+1 science coherency framework model MSU.

Tier: Tier 1

Activity - Professional Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Curricular chairs in concert with other professional science education organizations will work collaboratively to develop a framework for district implementation of the NGSS/STEAM. All remaining district teachers will go through the 5 day IISD NGSX cohort training. Schools: All Schools	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$2000	General Fund	Director of Curriculum, Instruction, and Assessment Principals Curricular Chairs Selected teachers

Goal 4: All students will demonstrate appropriate behavior to ensure a safe learning environment.

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Measurable Objective 1:

collaborate to establish a culturally responsive positive behavior intervention support (CRPBIS) system by 06/07/2019 as measured by SWIS data, Early Warning Signs data, and building level perceptual surveys..

Strategy 1:

Cultural Responsive Teaching and Leadership - Each school will provide explicit support for teacher / staff education in cultural competencies with respect to student and community populations served within the school. With support from MSAN, community partners, and the school community, the district will continue to develop communication and be supportive of closing the opportunity gap and achievement gap.

Category: School Culture

Research Cited: Internal Research on the performance of African American students, Economically Disadvantaged students and other minority groups. Achievement Gap data both qualitative and quantitative provided for by an internal research study by Dr. Dorinda Carter "Closing the Achievement Gap in East Lansing Public Schools",

Schools: A focus on African-American Student Achievement Patterns", MSAN research and meta analysis of best practices in meeting minority student achievement needs and district actions related to cultural competency.

Tier: Tier 1

Activity - Cultural Responsiveness Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>All teachers / staff will engage in explicit professional learning to improve individual and group cultural competencies and educational practices that support the growth and development and achievement of disenfranchised youth).</p> <p>AVID programming implementation at the secondary level supporting the achievement of students with identified barriers to college entry and career readiness.</p> <p>Schools: All Schools</p>	Professional Learning		Monitor	08/28/2018	06/07/2019	\$8000	General Fund	Superintendent Equity Officer Director of Curriculum, Instruction, and Assessment Principals

Activity - Book Study	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

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All principals and central office administrators will participate in a book study related to culturally responsive leadership. Schools: All Schools	Behavioral Support Program, Professional Learning		Implement	07/30/2018	06/28/2019	\$300	General Fund	Superintendent Central Office Administrators Principals and Associate Principals
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Strategy 2:

Restorative Justice - All district staff will continue to develop knowledge and skills on the use of restorative justice practices.

Category: School Culture

Research Cited: International Institute for Restorative Justice

Restorative Justice International

Tier: Tier 1

Activity - Restorative Justice Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All district staff will receive training on restorative justice practices. Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, East Lansing High School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	General Fund	All district staff

Measurable Objective 2:

collaborate to implement a culturally informed, socially just, and academically rich school climate by 06/07/2019 as measured by student office referrals, suspensions and expulsions, attendance, and special education referrals and identification.

Strategy 1:

Culturally Responsive PBIS system - Each school will provide training and support for teachers and staff in CRPBIS with support from Ingham ISD, MSU, or other experts.

Category: School Culture

Research Cited: Recommendations from the U.S. Department of Education, OSEP Technical Assistance Center, MiBLSi, Association for Positive Behavioral Supports, and the CRPBIS Project at the Universities of Arizona and Wisconsin.

Tier: Tier 1

Activity - CR-PBIS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Engage in professional learning provided by the ISD - block grant \$7,000 (such as: Establishing a Culturally Responsive PBIS Elementary and Secondary system, Alternatives to Punitive Discipline and Zero Tolerance, Data Informed Behavioral Supports, Establishing a Trauma Informed School, CHAMPS, Tiered Level Behavioral Interventions).</p> <p>Schools: All Schools</p>	<p>Behavioral Support Program, Professional Learning</p>		<p>Implement</p>	<p>08/27/2018</p>	<p>06/07/2019</p>	<p>\$8000</p>	<p>General Fund</p>	<p>Superintendent Director of Curriculum, Instruction, and Assessment Director of Special Education Equity Officer Principals</p>
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Goal 5: All students will be proficient in Social Studies.

Measurable Objective 1:

A 6% increase of Fifth, Eighth and Eleventh grade students will demonstrate a proficiency in content and skills in Social Studies by 06/07/2019 as measured by the state assessment.

Strategy 1:

Reading Informational Text and Questioning Strategies - Teachers of social studies courses in grades 6-12 will focus on and strengthen their pedagogy and understanding and application of reading in the content area for MTSS/RtI tier one core classroom instruction with a focus on data interpretation and comprehension.

Category: Social Studies

Research Cited: Organizing Instruction and Study to Improve Student Learning, 2007; Harold Pashler, The National Reading Panel Report, MiBLSi tier one core instruction framework

Tier: Tier 1

Activity - Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.</p> <p>Schools: Whitehills Elementary School, Pinecrest Elementary School, Donley Elementary School, East Lansing High School, Marble Elementary School, Glencairn Elementary School, MacDonald Middle School</p>	<p>Professional Learning</p>	<p>Tier 1</p>	<p>Getting Ready</p>	<p>08/28/2018</p>	<p>06/07/2019</p>	<p>\$1000</p>	<p>General Fund</p>	<p>Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers</p>
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Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title III

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
ELL Resource and Training	Resources to support instruction: Grapeseed Support materials and Imagine Learning licenses/PD	Academic Support Program, Professional Learning, Materials	Tier 3	Implement	08/28/2018	06/07/2019	\$4386	ELL teachers Principals
ELL Summer School	2 ELL teachers, 2 para professionals for summer school program for approx. 20-40 ELL students. The ELL summer program is designed to help ELL students learn through experiential learning (a process through which students develop knowledge, skills, and values from direct experiences outside a traditional academic setting). Summer School programming includes one science-themed field trip, bussing, and books to support a summer reading program.	Field Trip, Academic Support Program, Direct Instruction, Materials	Tier 3	Implement	06/10/2019	08/23/2019	\$9919	EL Summer Coordinator EL teachers EL paraprofessionals Principal
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher

Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Job Embedded Development	The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach

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Administrator Professional Development	All K-12 administrators and central office administrators will engage in professional learning from Debbie McFalone (McFalone Consulting Services). Professional learning will concentrate on effective leadership and teacher training, teacher evaluation, best practice teacher development.	Professional Learning	Tier 1	Getting Ready	07/30/2018	06/21/2019	\$14741	Superintendent Director of Curriculum, Instruction and Assessment Central Office Directors K-12 Administrators
Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Book Study	All principals and central office administrators will participate in a book study related to culturally responsive leadership.	Behavioral Support Program, Professional Learning		Implement	07/30/2018	06/28/2019	\$300	Superintendent Central Office Administrators Principals and Associate Principals
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff

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Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Cultural Responsiveness Development	All teachers / staff will engage in explicit professional learning to improve individual and group cultural competencies and educational practices that support the growth and development and achievement of disenfranchised youth). AVID programming implementation at the secondary level supporting the achievement of students with identified barriers to college entry and career readiness.	Professional Learning		Monitor	08/28/2018	06/07/2019	\$8000	Superintendent Equity Officer Director of Curriculum, Instruction, and Assessment Principals
Professional Learning	Curricular chairs in concert with other professional science education organizations will work collaboratively to develop a framework for district implementation of the NGSS/STEAM. All remaining district teachers will go through the 5 day IISD NGSX cohort training.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$2000	Director of Curriculum, Instruction, and Assessment Principals Curricular Chairs Selected teachers
ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator

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Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment
CR-PBIS	Engage in professional learning provided by the ISD - block grant \$7,000 (such as: Establishing a Culturally Responsive PBIS Elementary and Secondary system, Alternatives to Punitive Discipline and Zero Tolerance, Data Informed Behavioral Supports, Establishing a Trauma Informed School, CHAMPS, Tiered Level Behavioral Interventions).	Behavioral Support Program, Professional Learning		Implement	08/27/2018	06/07/2019	\$8000	Superintendent Director of Curriculum, Instruction, and Assessment Director of Special Education Equity Officer Principals

Title I Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Extended Learning	Before and or after school extended learning program for identified students. Reading and or Math intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers
Title I Math	Para professionals and teachers will be hired and trained to work with title I students in math. The Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.	Academic Support Program	Tier 3	Implement	08/28/2018	06/07/2019	\$300801	Principals Teachers Title I Coordinator PBIS Behavior Interventionist
Extended Learning	Before and or after school extended learning program for identified students. Math and or Reading intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers

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Title I Reading	Title I teachers and paraprofessionals will work with identified Title 1 students in reading. Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support. Donley: \$128,402 Pinecrest: \$172,399 including teachers, para professionals, District Title I Coordinator, and PBIS Behavior Interventionist. Title I staff to support in district ELA literacy strategies and activities through professional development PLCs. Tier two support for teachers in Math. Intervention strategies using Math Expressions. Monitor the implementation of instructional and behavioral strategies through collegial walk throughs to support student engagement strategies within core instruction.	Direct Instruction	Tier 2	Monitor	08/28/2018	06/07/2019	\$300801	Title I teachers and paraprofessionals Principals District Title I Coordinator PBIS Behavior Interventionist
K-3 Reading Kits	K-3 structured reading kits (Literacy Footprints) to be used as a part of the reading instruction.	Curriculum Development	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$10897	Principal Teachers

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals

Section 41

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Sheltered ESL instruction	.2 FTE ESL-certified teacher will provide sheltered ESL instruction to students scoring 2.9 or below on 2017 WIDA.	Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$15604	ESL-certified teacher

Section 31a

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Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
AVID Program Implementation	AVID elective teachers will implement AVID programming in their AVID elective classes. Other high school teachers will utilize AVID strategies in their core and elective classes. Teachers will continue to participate in ongoing AVID training.	Direct Instruction, Professional Learning	Tier 2		08/28/2018	06/07/2019	\$220000	High School administrators and teachers
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
AVID Implementation and Training	AVID programming will be implemented by the AVID elective teachers in the AVID elective. AVID strategies will be utilized by core and elective teachers who have been trained in AVID methods. Teachers will continue to participate in AVID training.	Direct Instruction, Professional Learning	Tier 2	Implement	08/28/2018	06/07/2019	\$220000	High School administrators and teachers

Activity Summary by School

Below is a breakdown of activity by school.

All Schools

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Learning	Curricular chairs in concert with other professional science education organizations will work collaboratively to develop a framework for district implementation of the NGSS/STEAM. All remaining district teachers will go through the 5 day IISD NGSX cohort training.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$2000	Director of Curriculum, Instruction, and Assessment Principals Curricular Chairs Selected teachers
Cultural Responsiveness Development	All teachers / staff will engage in explicit professional learning to improve individual and group cultural competencies and educational practices that support the growth and development and achievement of disenfranchised youth). AVID programming implementation at the secondary level supporting the achievement of students with identified barriers to college entry and career readiness.	Professional Learning		Monitor	08/28/2018	06/07/2019	\$8000	Superintendent Equity Officer Director of Curriculum, Instruction, and Assessment Principals
CR-PBIS	Engage in professional learning provided by the ISD - block grant \$7,000 (such as: Establishing a Culturally Responsive PBIS Elementary and Secondary system, Alternatives to Punitive Discipline and Zero Tolerance, Data Informed Behavioral Supports, Establishing a Trauma Informed School, CHAMPS, Tiered Level Behavioral Interventions).	Behavioral Support Program, Professional Learning		Implement	08/27/2018	06/07/2019	\$8000	Superintendent Director of Curriculum, Instruction, and Assessment Director of Special Education Equity Officer Principals

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ELL Resource and Training	Resources to support instruction: Grapeseed Support materials and Imagine Learning licenses/PD	Academic Support Program, Professional Learning, Materials	Tier 3	Implement	08/28/2018	06/07/2019	\$4386	ELL teachers Principals
ELL Summer School	2 ELL teachers, 2 para professionals for summer school program for approx. 20-40 ELL students. The ELL summer program is designed to help ELL students learn through experiential learning (a process through which students develop knowledge, skills, and values from direct experiences outside a traditional academic setting). Summer School programming includes one science-themed field trip, bussing, and books to support a summer reading program.	Field Trip, Academic Support Program, Direct Instruction, Materials	Tier 3	Implement	06/10/2019	08/23/2019	\$9919	EL Summer Coordinator EL teachers EL paraprofessionals Principal
Book Study	All principals and central office administrators will participate in a book study related to culturally responsive leadership.	Behavioral Support Program, Professional Learning		Implement	07/30/2018	06/28/2019	\$300	Superintendent Central Office Administrators Principals and Associate Principals
Sheltered ESL instruction	.2 FTE ESL-certified teacher will provide sheltered ESL instruction to students scoring 2.9 or below on 2017 WIDA.	Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$15604	ESL-certified teacher
Administrator Professional Development	All K-12 administrators and central office administrators will engage in professional learning from Debbie McFalone (McFalone Consulting Services). Professional learning will concentrate on effective leadership and teacher training, teacher evaluation, best practice teacher development.	Professional Learning	Tier 1	Getting Ready	07/30/2018	06/21/2019	\$14741	Superintendent Director of Curriculum, Instruction and Assessment Central Office Directors K-12 Administrators

Whitehills Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
Job Embedded Development	The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach
Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment
Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher

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Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff
ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator

Pinecrest Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
Title I Reading	<p>Title I teachers and paraprofessionals will work with identified Title 1 students in reading. Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.</p> <p>Donley: \$128,402 Pinecrest: \$172,399 including teachers, para professionals, District Title I Coordinator, and PBIS Behavior Interventionist.</p> <p>Title I staff to support in district ELA literacy strategies and activities through professional development PLCs.</p> <p>Tier two support for teachers in Math. Intervention strategies using Math Expressions.</p> <p>Monitor the implementation of instructional and behavioral strategies through collegial walk throughs to support student engagement strategies within core instruction.</p>	Direct Instruction	Tier 2	Monitor	08/28/2018	06/07/2019	\$300801	Title I teachers and paraprofessionals Principals District Title I Coordinator PBIS Behavior Interventionist

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Job Embedded Development	The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach
Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment
Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals
Title I Math	Para professionals and teachers will be hired and trained to work with title I students in math. The Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.	Academic Support Program	Tier 3	Implement	08/28/2018	06/07/2019	\$300801	Principals Teachers Title I Coordinator PBIS Behavior Interventionist

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ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff
ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator
Extended Learning	Before and or after school extended learning program for identified students. Reading and or Math intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers
Extended Learning	Before and or after school extended learning program for identified students. Math and or Reading intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers

Marble Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
Job Embedded Development	The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach

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Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment
Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff

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ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator
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MacDonald Middle School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment
Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals

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ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff

Glencairn Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers
Job Embedded Development	The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach
Next Generation Science Pilot	Teachers will review and pilot NGSX units of study. Grade levels will meet to determine where the strategies will be inserted into the curriculum / lesson maps for full implementation in the 2019-2020 school year.	Curriculum Development	Tier 1	Implement	08/28/2018	06/07/2019	\$8000	Curricular Chairs Grade level teachers Principal Director of Curriculum, Instruction, and Assessment

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Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provide struggling learners the appropriate interventions.	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff
ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator

East Lansing High School

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Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Development	Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff
AVID Implementation and Training	AVID programming will be implemented by the AVID elective teachers in the AVID elective. AVID strategies will be utilized by core and elective teachers who have been trained in AVID methods. Teachers will continue to participate in AVID training.	Direct Instruction, Professional Learning	Tier 2	Implement	08/28/2018	06/07/2019	\$220000	High School administrators and teachers
AVID Program Implementation	AVID elective teachers will implement AVID programming in their AVID elective classes. Other high school teachers will utilize AVID strategies in their core and elective classes. Teachers will continue to participate in ongoing AVID training.	Direct Instruction, Professional Learning	Tier 2		08/28/2018	06/07/2019	\$220000	High School administrators and teachers

Donley Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Intervention	Interventionists will provide reading and/or math intervention support to Tier 2 and Tier 3 students using research-based instructional materials.	Direct Instruction	Tier 2	Implement	08/28/2018	06/07/2019	\$237232	Intervention teachers

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Title I Reading	<p>Title I teachers and paraprofessionals will work with identified Title 1 students in reading. Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.</p> <p>Donley: \$128,402 Pinecrest: \$172,399 including teachers, para professionals, District Title I Coordinator, and PBIS Behavior Interventionist.</p> <p>Title I staff to support in district ELA literacy strategies and activities through professional development PLCs.</p> <p>Tier two support for teachers in Math. Intervention strategies using Math Expressions.</p> <p>Monitor the implementation of instructional and behavioral strategies through collegial walk throughs to support student engagement strategies within core instruction.</p>	Direct Instruction	Tier 2	Monitor	08/28/2018	06/07/2019	\$300801	Title I teachers and paraprofessionals Principals District Title I Coordinator PBIS Behavior Interventionist
Job Embedded Development	<p>The instructional coach will implement the cognitive coaching model to further develop content and pedagogical knowledge of teachers which will allow them to develop a deep understanding of mathematical concepts and the delivery of mathematics instruction in classrooms.</p>	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$65522	Director of Curriculum, Instruction, and Assessment Principals Instructional Coach
Professional Development	<p>Social Studies teachers will implement Reading Apprenticeship strategies in their classroom instruction.</p>	Professional Learning	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$1000	Director of Curriculum, Instruction, and Assessment High School and Middle School Principals Curricular Chairs Teachers
Math Fact Fluency	<p>Students will experience 10 minutes of math fluency practice daily in grades K - 8. Students will track their progress and teachers will use the data to provides struggling learners the appropriate interventions.</p>	Academic Support Program	Tier 1	Monitor	08/28/2018	06/07/2019	\$0	Teachers Principals

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Title I Math	Para professionals and teachers will be hired and trained to work with title I students in math. The Title I Coordinator will oversee implementation. PBIS Behavior Interventionist will provide needed support.	Academic Support Program	Tier 3	Implement	08/28/2018	06/07/2019	\$300801	Principals Teachers Title I Coordinator PBIS Behavior Intervention ist
ELL Before / After Program	1 ELL teacher for after school program for approx. 25 students for homework help and help for beginner ELLs. This will include bussing qualified students from other elementary buildings.	Academic Support Program, Direct Instruction	Tier 3	Implement	08/28/2018	06/07/2019	\$10811	ELL teacher
Instructional Coaching	Instructional coach will provide professional learning and coaching to K-5 teachers in all core subject areas, with an emphasis on literacy and mathematics.	Professional Learning	Tier 1	Monitor	08/28/2018	06/07/2019	\$65522	Instructional coach Principals Director of Curriculum, Instruction, and Assessment
Restorative Justice Training	All district staff will receive training on restorative justice practices.	Professional Learning	Tier 1	Implement	08/28/2018	06/07/2019	\$3000	All district staff
ELL Program Support	ELL Program Coordinator for the school year and for summer school program.	Academic Support Program	Tier 2	Implement	08/28/2018	06/07/2019	\$4386	Director of Curriculum, Instruction and Assessment ELL Program Coordinator
Extended Learning	Before and or after school extended learning program for identified students. Reading and or Math intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers
K-3 Reading Kits	K-3 structured reading kits (Literacy Footprints) to be used as a part of the reading instruction.	Curriculum Development	Tier 1	Getting Ready	08/28/2018	06/07/2019	\$10897	Principal Teachers
Extended Learning	Before and or after school extended learning program for identified students. Math and or Reading intervention.	Academic Support Program	Tier 3	Getting Ready	08/28/2018	06/07/2019	\$42406	Principal Teachers