



Gateway Science Academy of St. Louis K-5 SCHOOL IMPROVEMENT PLAN

School Name: Gateway Science Academy Elementary

School District: 115-916

Name of Principal: Nuh Celik

Current School Year: 2020-2021

Needs Improvement: MAP Data Spring 2019 and Enrollment Data 2020

School Mission: The mission of the Gateway Science Academy of St. Louis is to provide quality education with an emphasis on science, mathematics, and technology while balancing all core subjects. We strive to create an atmosphere that provides students, parents, and teachers the opportunity for continued growth, enabling them to reach their highest potential.

School staff authored this plan and will be the body ultimately responsible for the implementation and monitoring of the School Improvement Plan.

School Administration & Staff

Nuh Celik

Assistant Principals: Janet Moak and Kathy McCann

KDG Brittany Park, Caroline Ronzio, and Teresa Winschel

Grade 1 Kellie McEnaney, Michelle Hamilton, and Lisa Wolf

Grade 2 Brittany Leveque, Erica Besmer, and Sarah New

Grade 3 Michelle Golubski, Syrita Morgan, and Patricia Neiswander

Grade 4 Gokhan Ozturk, Serpil Iyiyol, and Mary Winter

Grade 5 Jennifer Key, Fatma Hoca, Katie Belobraydic, and Seyfullah Konukseven

SPED Debra Tucker and Erinn Schmoele

Learning Specialist Jody Shaffer, Bilal Turan, and Mark Steketee

Special Area Breanna Cashel, Sarah Burk, Royal Gasimov, Lisa Rae, Corey Henderson, Aladin Jasarevic

Librarian Traci Behrens

Support Staff Rebecca Thompson, Mary Hannibal, PJ Brennan, and Katie Swarts

GOALS:

1. We will increase student academic achievement in tested grades to 67% or higher in Proficient and Advanced levels in the areas of math spring 2021 MAP tests.
2. We will increase student academic achievement in 5th grade to 60% or higher in Proficient and Advanced levels in the areas of science as indicated on spring 2021 MAP tests.
3. We will increase student academic achievement in tested grades to 70% or higher in Proficient and Advanced levels in the areas of English and Language Arts as indicated on spring 2021 MAP tests.
4. We will provide structured support for ELL students that will increase ELL student achievement in NWEA spring 2021 testing by 25% from NWEA Fall 2020 testing scores.

GSA SMILEY SCHOOL IMPROVEMENT PLAN

GOAL 1: We will increase student academic achievement in tested grades to 67% or higher in Proficient and Advanced levels in the areas of math spring 2021 MAP tests.

Identified Need(s)	Tier 2 Indicator (Adult action(s) that will impact student achievement)	School Strategies	How will we monitor and provide evidence of implementation and effectiveness?	Additional Skills, Knowledge and Support (Professional Development)
<p>MAP data from spring 2019 shows a grade span total of 51.2% of students in 3rd, 4th and 5th Grades at Basic or Below Basic in Math.</p> <p>Broken down by grade level:</p> <p>3rd Grade - 48.6 % Basic or Below Basic</p> <p>4th Grade – 36.9% Basic or Below Basic</p> <p>5th Grade – 65.8% Basic or Below Basic</p>	<ol style="list-style-type: none"> 1. Provide opportunities for small group instruction and interventions to low achieving students, particularly in math. 2. Provide opportunities for pull-out and push-in instruction and interventions to low achieving students in math. 3. Utilize online resources for intervention – IXL and iReady practice. 4. Progress monitor student achievement. 	<ol style="list-style-type: none"> 1. Implement the Workshop Model of classroom instruction to incorporate small group instruction. 2. Provide ongoing access to online resources, such as IXL, BrainPOP, and iReady for math practice and reinforcement. 3. Ancillary staff will assist teachers with push-in small group instruction and pull-out small group instruction. 4. Report progress of students on regular basis. 	<ol style="list-style-type: none"> 1. Classroom observations by administrators. 2. Student achievement data monitored through classroom assignments, tests, IXL reports, iReady and NWEA assessments. 	<ol style="list-style-type: none"> 1. Provide professional development for staff utilizing online resources and in implementation of Workshop Model in classrooms. 2. Ongoing meetings with teachers every to review teaching strategies and discuss concerns; data review every month.

GSA SMILEY SCHOOL IMPROVEMENT PLAN

GOAL 2. We will increase student academic achievement in 5th grade to 60% or higher in Proficient and Advanced levels in the areas of science as indicated on spring 2021 MAP tests.

Identified Need	Tier 2 Indicator (Adult action(s) that will impact student achievement)	School Strategies	How will we monitor and provide evidence of implementation and effectiveness?	Additional Skills, Knowledge and Support (Professional Development)
<p>MAP data from spring 2019 shows a grade span total of ___% of students in 3rd, 4th and 5th Grades at Basic or Below Basic in Science.</p> <p>Broken down by grade level: 3rd Grade - ___ % Basic or Below Basic 4th Grade – ___% Basic or Below Basic 5th Grade – ___% Basic or Below Basic</p>	<ol style="list-style-type: none"> 1. Provide opportunities for small group instruction and interventions to low achieving students. 2. Provide opportunities for pull out instruction and interventions to low achieving students in science. 3. Provide additional opportunities for hands-on activities for all students in science. 4. Pre-teach science vocabulary to low achieving students. 	<ol style="list-style-type: none"> 1. Provide updated science resources for teachers by utilizing MySci science curriculum units and kits. 2. Provide ongoing access to online resources, such as IXL for science skills practice and reinforcement. 3. Ancillary staff will assist teachers with small group instruction and pull out small group instruction. 4. Increase use of visual representations when teaching science vocabulary. 	<ol style="list-style-type: none"> 1. Classroom observations by administrators 2. Student achievement data monitored through classroom assignments, tests, IXL reports and NWEA assessments. 	<ol style="list-style-type: none"> 1. Provide ongoing professional development for staff utilizing MySci units in science. 2. Ongoing meetings with teachers to review teaching strategies and discuss concerns; data review every month.

GOAL 3. We will increase student academic achievement in tested grades to 70% or higher in Proficient and Advanced levels in the areas of English and Language Arts as indicated on spring 2021 MAP tests.

Identified Need	Tier 2 Indicator (Adult action(s) that will impact student achievement)	School Strategies	How will we monitor and provide evidence of implementation and effectiveness?	Additional Skills, Knowledge and Support (Professional Development)
<p>MAP data from spring 2019 shows a grade span total of 40.9% of students in 3rd, 4th and 5th Grades at Basic or Below Basic in Math. Broken down by grade level: 3rd Grade – 32 % Basic or Below Basic 4th Grade – 33.8% Basic or Below Basic 5th Grade – 52.3% Basic or Below Basic</p>	<ol style="list-style-type: none"> 1. Provide opportunities for small group instruction and interventions to low achieving students. 2. Provide opportunities for pull-out and push-in instruction and interventions to low achieving students. 3. Utilize online resources for intervention – IXL and iReady practice. 4. Progress monitor student achievement 	<ol style="list-style-type: none"> 1. Implement the Workshop Model of classroom instruction to incorporate small group instruction. 2. Provide ongoing access to online resources, such as IXL, BrainPOP, and iReady for ELA skill practice and reinforcement. 3. Ancillary staff will assist teachers with push-in small group instruction and pull-out small group instruction. 4. Report progress of students on regular basis. 	<ol style="list-style-type: none"> 1. Classroom observations by administrators 2. Student achievement data monitored through classroom assignments, tests, IXL reports, iReady and NWEA assessments. 	<ol style="list-style-type: none"> 1. Provide professional development for staff utilizing online resources and in implementation of Workshop Model in classrooms. 2. Ongoing meetings with teachers every to review teaching strategies and discuss concerns; data review every month.

GOAL 4: We will provide structured supports for ELL students that will increase ELL student achievement in NWEA Spring 2020 testing by 25% from NWEA Fall 2021 testing scores.

Identified Need	Tier 2 Indicator (Adult action(s) that will impact student achievement)	School Strategies	How will we monitor and provide evidence of implementation and effectiveness?	Additional Skills, Knowledge and Support (Professional Development)
<p>1. Current enrollment of 30 students qualifying for ELL services in grades K-5.</p>	<p>1. Provide targeted instructional supports to ELL students, particularly in reading and written expression.</p>	<p>1. Pull out time for students to work on letter sounds, creating words, and associating words to visual representations. 2. Increased time with small group support in writing skills. 3. Provide online resources for students, such as IXL, RAZ Kids, and iReady, to continue improvement in English language acquisition and writing skills.</p>	<p>1. Students' progress in K-5 will be monitored using iReady assessments. 2. Student progress in creating sentences and paragraphs and in reading comprehension will be monitored.</p>	<p>1. Provide support to teachers in creating/planning ELL activities/supports for students. 2. Provide ongoing support to teacher in the utilization of online resources and data reports.</p>