

Mater Academy Of International Studies

795 NW 32ND ST, Miami, FL 33127

<http://www.materacademyis.com/>

School Demographics

School Type
Elementary

Title I
Yes

Free/Reduced Price Lunch
97%

Alternative/ESE Center
No

Charter School
Yes

Minority
99%

School Grades History

Year	2013-14	2012-13	2011-12	2010-11
Grade	A	D	C	C

School Board Approval

This plan is pending approval by the Dade County School Board.

SIP Authority and Template

Section 1001.42(18), Florida Statutes, requires district school boards to annually approve and require implementation of a school improvement plan (SIP) for each school in the district.

The Florida Department of Education (FDOE) SIP template meets all statutory and rule requirements for traditional public schools and incorporates all components required for schools receiving Title I funds. This template is required by State Board of Education Rule 6A-1.099811, Florida Administrative Code, for all non-charter schools with a current grade of D or F, or with a grade of F within the prior two years. For all other schools, the district may use a template of its choosing. All districts must submit annual assurances that their plans meet statutory requirements.

This document was prepared by school and district leadership using the Florida Department of Education's school improvement planning web application located at <https://www.floridacims.org>.

Table of Contents

Purpose and Outline of the SIP	4
Differentiated Accountability	5
Current School Status	8
8-Step Planning and Problem Solving Implementation	24
Goals Summary	24
Goals Detail	24
Action Plan for Improvement	31
Appendix 1: Implementation Timeline	48
Appendix 2: Professional Development and Technical Assistance Outlines	52
Professional Development Opportunities	53
Technical Assistance Items	0
Appendix 3: Budget to Support Goals	58

Purpose and Outline of the SIP

The SIP is intended to be the primary artifact used by every school with stakeholders to review data, set goals, create an action plan and monitor progress. A corollary at the district level is the District Improvement and Assistance Plan (DIAP), designed to help district leadership make the necessary connections between school and district goals in order to align resources. The Florida Department of Education encourages schools to use the SIP as a “living document” by continually updating, refining and using the plan to guide their work throughout the year. This printed version represents the SIP as of the “Date Modified” listed in the footer.

Part I: Current School Status

Part I organizes the current status of the school around five domains inspired by the 5Essentials framework: Supportive Environment, Family and Community Involvement, Effective Leadership, Public and Collaborative Teaching, and Ambitious Instruction and Learning. Questions regarding the school’s Multi-Tiered System of Supports have been embedded throughout this part to demonstrate how data is used by stakeholders to understand the needs of all students and allocate appropriate resources in proportion to those needs.

Part II: Needs Assessment

Part II requires the school to review performance and early warning systems data in order to develop strategic goals and associated data targets (i.e., “SMART goals”) for the coming school year in context of the school’s greatest strengths and needs. An online tool was developed, which includes data visualizations and processing questions to support problem identification, problem analysis and strategic goal formulation.

Part III: 8-Step Planning and Problem Solving for Implementation

Part III enables the school to develop implementation plans for its highest-priority goals. With the overview of the current state of the school in mind and the strategic goals identified through the needs assessment, the planning team engages in a facilitated planning and problem-solving process, through which they

- Define strategic goals and establish targets to be reached by successfully achieving the goals (Step 1)
- Identify resources available to support the goals and barriers that could hinder achieving those goals (Step 2)
- Select high-priority barriers they want to address initially (Step 3)
- Design implementation and monitoring plans for strategies to resolve selected barriers (Steps 4-7)
- Determine how they will monitor progress toward each goal (Step 8)

Appendices

The following appendices, automatically-generated from content entered in Part III, are included in this document:

- Appendix 1 is a timeline of all action steps and monitoring activities
- Appendix 2 is an outline of all professional development opportunities and technical assistance items
- Appendix 3 is a report of the budget needed to implement the strategies

Differentiated Accountability

Florida’s Differentiated Accountability (DA) system is a statewide network of strategic support, differentiated by need according to performance data, and provided to schools and districts in order to improve leadership capacity, teacher efficacy and student outcomes. DA field teams collaborate with district and school leadership to design, implement and refine improvement plans, as well as provide instructional coaching, as needed.

DA Regions

Florida’s DA network is divided into five geographical regions, each served by a field team led by a regional executive director (RED).

DA Categories

Traditional public schools are classified at the start of each school year, based upon the most recently released school grades (A-F), into one of the following categories:

- Not in DA – currently A or B with no F in prior three years; charter schools; ungraded schools
- Monitoring Only – currently A or B with at least one F in the prior three years
- Prevent – currently C
- Focus – currently D
 - Planning – two consecutive grades of D (i.e., DD), or a grade of F immediately followed by a grade of D in the most recent grades release (i.e., FD)
 - Implementing – two consecutive grades of D in the most recent grades release preceded by a grade below C (i.e., FDD or DDD)
- Priority – currently F
 - Planning – declined to a grade of F in the most recent grades release and have not received a planning year or implemented a turnaround option during the previous school year
 - Implementing – two consecutive grades of F (i.e., FF), or three consecutive grades below C with an F in the most recent grades release (i.e., FDF or DDF)

DA Turnaround and Monitoring Statuses

Additionally, schools in DA are subject to one or more of the following Turnaround and Monitoring Statuses:

- Former F – currently A-D with at least one F in the prior three years; SIP is monitored by FDOE
- Planning – Focus Planning and Priority Planning; district is planning for possible turnaround
- Implementing – Focus Implementing and Priority Implementing; district is implementing the Turnaround Option Plan (TOP)

2014-15 DA Category and Statuses

DA Category	Region	RED
Not In DA	5	Gayle Sitter
Former F	Turnaround Status	
No		

Part I: Current School Status

Supportive Environment

School Mission and Vision

Provide the school's mission statement

The Mission of the District is:
Meaningful achievement of
Academics facilitated by
Teachers, administrators, parents & the community
Enabling students to become confident, self-directed &
Responsible lifelong learners.

The mission of Mater Academy of International Studies is to provide an innovative, challenging, bilingual and multi-cultural curriculum, preparing students to have a global edge. We will strive to create a thirst for knowledge in all disciplines of the curriculum and enrich every student with a sense of purpose, a belief in their own efficacy, and a commitment to the common good.

Provide the school's vision statement

The Vision of Mater Academy, Inc. is to provide students a viable educational choice that offers an innovative, rigorous, and seamless college preparatory curriculum, providing Mater students, at every level from PK-12th grade, with a competitive advantage against their contemporaries. To that end, Mater Schools strive to:

- create a thirst for knowledge in all disciplines;
- kindle the art of thinking and serve as a springboard for lifelong learning; and
- deliver and enrich every student with a sense of purpose, a belief in their own efficacy, and a commitment to the common good.

The vision of Mater Academy of International Studies is to provide a loving, caring, and supportive educational environment, where the whole child is developed and a philosophy of respect and high expectations is instilled for all students, parent, teachers, and staff

School Environment

Describe the process by which the school learns about students' cultures and builds relationships between teachers and students

The school fosters a positive student culture by creating opportunities for students to interact with staff and the student body. Students have the opportunity to showcase their cultural values throughout the school year i.e. African American History, Hispanic Heritage, etc. This interaction provides students a unique experience to learn and respect the different cultures representative of the student body.

It also provides an insight to student interest and gives the teachers a better understanding of their students' needs. Our current teachers represent many diverse cultures around the globe. Each of them, contribute something different to their classes and the school as a whole. Teachers create a safe environment in their classrooms where their students are able to discuss their culture and how they learn through a process of interactive activities in the classroom and showcased for all stakeholders to see.

Describe how the school creates an environment where students feel safe and respected before, during and after school

The primary concern for all teachers, staff, and administration the very first day of school is to instill in the students the concept that not only will they be learning new material which will help them in their

future endeavors but most importantly that the school and their classroom setting is their safe haven. All teachers create an atmosphere that is free of violence and discord by listening to the concerns of the student body. We start each day by our mission statement which establishes in the students that they are somebody important in the classroom setting and their hard work and dedication to their studies will prove to be fruitful in the future. In addition, we incorporate a school wide Character Development Program that focuses on the "pillars" of good character such as, Trustworthiness, Respect, Responsibility, Fairness, Caring and Citizenship. This is reinforced throughout the day in classrooms through lessons targeting each "pillar" and by all staff members who continue to praise positive interactions for the students throughout the halls and the classrooms. At the end of the day students are provided with afternoon announcements which always remind them that if they believe they can achieve and students demonstrating good character are praised.

The morning announcements are used as a platform to promote positive reinforcements and a safe place for our students. Students are provided shout-outs by the teachers and staff for job well done or effort in class. We acknowledge students for their achievements and say positive words of encouragement each day. The school's motto is "If you believe, you will achieve". Mater Academy of International Studies is also incorporating mindful practices within the school. Teachers are helping children become mindful and present within their classrooms. This helps students with outside stress and enables them to focus on learning and the present moment.

Our school has security cameras and a security monitor that further help to create a safe environment both during school hours and after school.

Our staff and administration is available to all students and parents to address any concerns that they may have being a classroom issue or a personal issue which can affect student progress. Overall, we perpetuate an environment where the students know that Mater Academy of International Studies is their "safe space".

Describe the schoolwide behavioral system in place that aids in minimizing distractions to keep students engaged during instructional time. This may include, but is not limited to, established protocols for disciplinary incidents, clear behavioral expectations, and training for school personnel to ensure the system is fairly and consistently enforced

Mater Academy of International Studies students will abide by the Miami-Dade County Public Schools Code of Student Conduct. The Code of Student Conduct is a school-wide plan that clearly outlines student expectations. Proper behavior is recognized and consequences are given for breaking the code. The first week of class all teachers cover the Code of Student Conduct and the Parent Student Handbook in depth to ensure that students understand what is expected of them the minute they walk through the door. Teachers also establish classroom rules and classroom routines such as a daily bell ringer for each subject area.

School rules are clearly posted in each classroom as a reminder of what is expected of them on a daily basis. Teachers are also in constant communication with parents as they are the first line of communication with our student body. Teachers communicate via e-mail, telephone calls, and in parent conferences so as a team they are able to provide the students a clear and united front to the students of the daily classroom and school expectations.

Students are sent to the administration only when all other measures have been exhausted by the classroom teacher. The school wide initiative is to make expectations clear to our students from the first day of school and to keep students actively engaged to minimize disruptive behaviors.

Students are rewarded for their positive actions by being nominated by teachers and peers for the "Do the right thing" initiative. Teachers also send "shout outs" via the announcements to students who demonstrate good behavior as well as other positive actions. ??

All classrooms have a Focus Wall set up daily by the classroom teacher which provides a blue print of what the students day will consist of. Each board has the objective, essential question, bell ringer, agenda, home learning, and vocabulary. Teachers also provide differentiated instruction through centers and small group. The goal of each classroom teacher is to ensure the safety of each student

but also to have every student actively engaged in the learning environment by providing enrichment opportunities.

Describe how the school ensures the social-emotional needs of all students are being met, which may include providing counseling, mentoring and other pupil services

The overall well-being of Mater Academy of International Studies Charter School students is an integral part of our philosophy. Student Support Services seeks to provide support both in and out of the classroom in the areas of academic support, social-emotional development and physical well-being. The Mater Academy of International Studies Charter School Student Services Team consists of a general education teacher, a part-time social worker and a school psychologist. These professionals work closely with students, parents, community agencies and school personnel to ensure that every student is provided the opportunity to maximize his or her social, emotional and intellectual abilities. The Student Services Team helps students to feel at ease with teachers and the school environment. Individual and group counseling sessions are conducted to address students' social and emotional needs. Conflict resolution training is provided to students. Teachers work diligently to prevent bullying and violence in the school and community. The Student Services Team meets with parents, teachers and school administration to discuss student academic and behavioral needs and to determine if students need assistance outside of the traditional classroom setting. Student Services Personnel welcome the opportunity to meet with parents, discuss concerns and assist students in any way possible. Counseling is included in every student's curricula at Mater Academy of International Studies Charter School.

Early Warning Systems

The school's response to this section may be used to satisfy the requirements of 20 U.S.C. § 6314(b)(1)(B)(ii)(III), (b)(1)(B)(iii)(I), and (b)(1)(I).

Describe the school's early warning system and provide a list of the early warning indicators used in the system

In order to create a supportive environment that addresses the Early Warning Systems, teachers, administrators, and support staff will work together to monitor student academic progress, and promote attendance and positive school behavior, to ensure academic progress.

Early Warning System indicators are listed below:

Attendance below 90 percent, regardless of whether absence is excused or a result of out-of-school suspension

One or more suspensions, whether in school or out of school

Course failure in English Language Arts or mathematics

A Level 1 score on the statewide, standardized assessments in English Language Arts or mathematics

The school has hired a social worker that will be responsible for monitoring student attendance, suspensions, and course failures on a quarterly basis.

All students scoring a Level 1 in ELA or mathematics statewide, standardized assessments are monitored by administration and teachers through quarterly data chats that track previous state assessment data as well as current interim assessment data. Students are placed in Tier II intervention programs and are provided tutoring

Provide the following data related to the school's early warning system

The number of students by grade level that exhibit each early warning indicator:

Indicator	Grade Level						Total
	K	1	2	3	4	5	
Attendance below 90 percent	13	10	3	3	5	3	37
One or more suspensions	0	0	4	0	0	3	7
Course failure in ELA or Math	4	21	38	16	14	12	105
Level 1 on statewide assessment	0	0	0	15	8	4	27
	0	0	0	0	0	0	

The number of students identified by the system as exhibiting two or more early warning indicators:

Indicator	Grade Level						Total
	K	1	2	3	4	5	
Students exhibiting two or more indicators	2	11	22	10	4	5	54

Describe all intervention strategies employed by the school to improve the academic performance of students identified by the early warning system

The school has created a blueprint for success that includes the following strategies to improve the academic performance of the targeted students:

Academics

After school tutoring program

Saturday Academy

Reading Interventions- Voyager and iReady

Math Interventions- Mathletics

Differentiated Instruction

Bi-Weekly Assessment spreadsheets

Software Programs (Achieve 3000, iReady, Carnegie Learning, Reflex Math, Mathletics)

Response to intervention programs

As part of their data chats, teachers will set goals with students scoring a Level 1 in ELA or Mathematics statewide, standardized assessments and differentiate instruction based on data compiled from interim assessments and other data sources. Parents will be included in these data chats.

Behavior/ Attendance

Character Education Program

Do the Right Thing Program

School Wide Shout Outs

School Wide Quarterly Award Ceremonies

Student Code of Conduct

School Wide Events

Teacher Social Worker Referrals

In addition, the Social Worker will meet with parents and students exhibiting poor attendance patterns, disciplinary problems (especially those that result in suspension), and students not making adequate academic progress.

Family and Community Involvement

The school's response to this section may be used to satisfy the requirements of 20 U.S.C. § 6314(b)(1)(B)(iii)(I)(aa).

Describe how the school works at building positive relationships with families to increase involvement, including efforts to communicate the school's mission and vision, and keep parents informed of their child's progress

Title I schools use the Parent Involvement Plan (PIP) to meet the requirements of 20 U.S.C. § 6314(b)(1)(F).

Will the school use its PIP to satisfy this question?

Yes

PIP Link

The school completes a Parental Involvement Plan (PIP), which is accessible through the Continuous Improvement Management System (CIMS) at <https://www.floridacims.org/documents/49566>.

Description

A PIP has been uploaded for this school or district - see the link above.

Describe the process by which the school builds and sustains partnerships with the local community for the purpose of securing and utilizing resources to support the school and student achievement

The school builds and sustains partnerships with the local community by reaching out to local businesses via a letter or site visit to see if they are able to partner with us and offer material or in kind contributions. We also send a communication home with students, to see if any of their parents, relatives, or friends, who may own a business, or work for a business that wishes to partner with the school, can partner with us. All of our community and/or business partners are also invited to attend our annual Career Day, Reading Under the Stars, and Hispanic Heritage Day, and other celebrations where they are always recognized for their support.

Other components that are integrated into the school-wide program include:

Title I, Part A

Services are provided to ensure students requiring additional remediation are assisted through extended learning opportunities (before-school and/or after-school programs, Saturday Academy or summer school). The district coordinates with Title II and Title III in ensuring staff development needs are provided. Support services are provided to the schools, students, and families. School based, Title I funded Community Involvement Specialists (CIS), serve as bridge between the home and school through home visits, telephone calls, school site and community parenting activities. The CIS schedules meetings and activities, encourage parents to support their child's education, provide materials, and encourage parental participation in the decision making processes at the school site. Curriculum Coaches develop, lead, and evaluate school core content standards/ programs; identify and analyze existing literature on scientifically based curriculum/behavior assessment and intervention approaches. They identify systematic patterns of student need while working with district personnel to identify appropriate, evidence-based intervention strategies; assist with whole school screening programs that provide early intervening services for children to be considered "at risk;" assist in the design and implementation for progress monitoring, data collection, and data analysis; participate in the design and delivery of professional development; and provide support for assessment and implementation monitoring. Parents participate in the design of their school's Parent Involvement Plan (PIP – which is provided in three languages at all schools), the school improvement process and the life of the school and the annual Title I Annual Parent Meeting at the beginning of the school year. The annual M-DCPS Title I Parent/Family Involvement Survey is intended to be used toward the end of the school year to measure the parent program over the course of the year and to facilitate an evaluation of the parent involvement program to inform planning for the following year. An all out effort is made to inform parents of the importance of this survey via CIS, Title I District and Region meetings, Title I Newsletter for Parents, and Title I Quarterly Parent Bulletins. This survey, available in English, Spanish and Haitian-Creole, will be available online and via hard copy for parents (at schools and at District meetings) to complete. Other components that are integrated into the school-wide program include an extensive Parental Program; Title I CHESS (as appropriate); Supplemental Educational Services; and special support services to special needs populations such as homeless, migrant, and neglected and delinquent students.

Title I, Part C- Migrant

The school provides services and support to migrant students and parents. The District Migrant liaison

coordinates with Title I and other programs and conducts a comprehensive needs assessment of migrant students to ensure that the unique needs of migrant students are met. Students are also provided extended learning opportunities (before-school and/or after-school, and summer school) by the Title I, Part C, Migrant Education Program.

Title I, Part D

N/A

Title II

The District uses supplemental funds for improving basic education as follows:

- Training to certify qualified mentors for the New Teacher (MINT) Program
- Training for add-on endorsement programs, such as Reading, Gifted, ESOL training and substitute release time for Professional Development Liaisons (PDL) at each school focusing on Professional Learning Community (PLC) development and facilitation, as well as Lesson Study Group implementation and protocols

Title III

Services are provided through district for education materials and ELL district support services to improve the education of immigrant and English language Learners.

Title III funds are used to supplement and enhance the programs for English Language Learner (ELL) and Recently Arrived Immigrant Children and Youth by providing funds to implement and/or provide:

- tutorial programs (K-12)
- professional development on best practices for ESOL and content area teachers
- coaching and mentoring for ESOL and content area teachers(K-12)
- reading and supplementary instructional materials(K-12)
- cultural supplementary instructional materials (K-12)
- purchase of supplemental hardware and software for the development of language and literacy skills in reading, mathematics and science, as well as, thematic cultural lessons is purchased for selected schools to be used by ELL students and recently arrived immigrant students (K-12, RFP Process)

The above services will be provided should funds become available for the 2014-2015 school year and should the FLDOE approve the application(s).

Title VI, Part B

N/A

Title X- Homeless

- Miami-Dade County Public Schools' School Board approved the School Board Policy 5111.01 titled, Homeless Students. The board policy defines the McKinney-Vento Law and ensures homeless students receive all the services they are entitled to.
- The Homeless Education Program seeks to ensure a successful educational experience for homeless children by collaborating with parents, schools, and the community.
- The Homeless Education Program assists schools with the identification, enrollment, attendance, and transportation of homeless students. All schools are eligible to receive services and will do so upon identification and classification of a student as homeless.
- The Staff in the Homeless Education Program provides annual training to: 1) School Registrars on the procedures for enrolling homeless students, 2) School Counselors on the McKinney-Vento Homeless Assistance Act which ensures that homeless children and youth are not to be stigmatized, separated, segregated, or isolated on their status as homeless, and are provided all entitlements, and 3) all School Homeless Liaisons assigned by the school administrator to provide further details on the rights and services of students identified as homeless.
- Project Upstart and The Homeless Trust, a community organization, provides a homeless sensitivity, awareness campaign to all the schools - each school is provided a video and curriculum manual, and a contest is sponsored by The Homeless Trust-a community organization.
- Project Upstart provides tutoring and counseling to selected homeless shelters in the community.
- The District Homeless Liaison continues to participate in community organization meetings and task forces as it relates to homeless children and youth.
- Each school will identify a school-based School Homeless Liaison to be trained on the McKinney-Vento Law ensuring appropriate services are provided to the homeless students.

Supplemental Academic Instruction (SAI)

N/A

Violence Prevention Programs

- The Safe and Drug-Free Schools Program addresses violence and drug prevention and intervention services for students through curriculum implemented by classroom teachers, elementary counselors, and/or

TRUST Specialists.

- Training and technical assistance for elementary, middle, and senior high school teachers, administrators, counselors, and/or TRUST Specialists is also a component of this program.

- TRUST Specialists focus on counseling students to solve problems related to drugs and alcohol, stress, suicide, isolation, family violence, and other crises.

- District Policy Against Bullying and Harassment

Miami Dade County Public Schools adopted Policy 5517.01, titled Bullying and Harassment. It is the policy of the Miami-Dade County Public School District that all of its students and school employees have an educational setting that is safe, secure and free from harassment and bullying of any kind.

This policy provides awareness, prevention and education in promoting a school atmosphere in which bullying, harassment, and intimidation will not be tolerated by students, school board employees, visitors, or volunteers.

Administrators or designees are required to begin any investigation of bullying or harassment within 24 hours of an initial report.

All Staff, Students, and Parents/Volunteers MUST receive training on an annual basis.

Every school site is required to implement 5 curriculum lessons on Bullying and Violence Prevention per grade level Pre-K thru 12.

Nutrition Programs

1. The school adheres to and implements the nutrition requirements stated in the District Wellness Policy.

2. Nutrition education, as per state statute, is taught through physical education.

3. The School Food Service Program, school breakfast, school lunch, and after care snacks, follows the Healthy Food and Beverage Guidelines as adopted in the District's Wellness Policy.

Housing Programs

N/A

Head Start

N/A

Adult Education

N/A

Career and Technical Education

N/A

Job Training

N/A

Other

N/A

Effective Leadership

The school's response to this section may be used to satisfy the requirements of 20 U.S.C. § 6314(b)(1)(H).

School Leadership Team

Membership

Identify the name, email address and position title for each member of the school leadership team.:

Name	Title
Melian, Ileana	Principal
Camarena, Olga	Assistant Principal
Plantada, Christopher	Assistant Principal
Rodriguez, Tannia	Instructional Coach

Duties

Describe the roles and responsibilities of the members, including how they serve as instructional leaders and practice shared decision making

Ileana Melian- Principal
Olga Camarena- Assistant Principal
Christopher Plantada- Assistant Principal
Tannia Rodriguez- Curriculum/Reading Coach
Christina Betancourt- SPED Program Specialist
Rosa Verde- Social Worker
Ena Garcia- Science Chair/ Grade Level Chair
Eleida Bello- Grade Level Chair
Marisela Arreaga- Grade Level Chair
Tatiana Arguello- Grade Level Chair
Stephanie Santagati- Grade Level Chair
Amanda Peterik- Grade Level Chair

Describe the process through which school leadership identifies and aligns all available resources (e.g., personnel, instructional, curricular) in order to meet the needs of all students and maximize desired student outcomes. Include the methodology for coordinating and supplementing federal, state and local funds, services and programs. Provide the person(s) responsible, frequency of meetings, how an inventory of resources is maintained and any problem-solving activities used to determine how to apply resources for the highest impact

Mater Academy of International Studies' leadership team follows specific guidelines when aligning and purchasing resources for the school in order to meet the needs of all students. At the start of every year, teachers are provided a box of classroom essentials. The materials include staplers, construction paper, glue, pens, pencils, among other things. An inventory of resources is collected at the beginning and end of every school year. The inventory includes the instructional materials, curricular materials, technology, and classroom furniture in the individual teachers' classrooms. The instructional materials list are separated by subject area. The leadership team reviews the inventory and creates a spreadsheet by grade level of materials within the building. The leadership team discusses the effectiveness of the instructional materials in terms of alignment to the standards. Research is done to ensure that the materials are up-to-date with the current standards. The materials are compared to the district-adopted materials and pacing guides that are correlated to the standards. According to the information that is gathered, the team decides if purchases need to be made. Software programs are also evaluated for effectiveness and fidelity. The team reviews usage and performance reports to analyze student progress on the programs. The programs are checked for standards alignments and decisions are made for renewal. Purchases are made based on the projected number of students for the new school year. intervention and tutoring material estimates are based on Standardized assessment data. The administration will brainstorm on how the purchasing of materials will affect the budget and determine the best option on how to allocate funds and what account the funds will come from. The EESAC committee approves the funding of programs and materials throughout the school year. Leadership meetings are held weekly. Within the meetings instructional and curricular materials are analyzed by performance reports, bi-weekly spreadsheets and observations conducted by the team.

School Advisory Council (SAC)

Membership

Identify the name and stakeholder group for each member of the SAC.:

Name	Stakeholder Group
Elizabeth Sauri	Teacher
Ileana Melian	Principal
Mary Anne Lukacs	Business/Community
Aynet Bustillo	Teacher
Mercedes Diaz	Parent
Maireyi Piedra	Parent
Ana Murillo	Parent
Vernice Fernandez	Parent
Iveliesse Santana	Parent
Robert Blanche	Business/Community

Duties

Provide a description of the SAC's involvement with the following activities, as required by section 1001.452(2), Florida Statutes

Evaluation of last year's school improvement plan

Last year's school improvement plan was evaluated and approved by the Educational Excellence School Advisory Council(EESAC) on 10/01/2013. The school improvement plan is revisited at every EESAC meeting. Areas of strength and areas in need of further improvement are discussed. Strategies for improvement are shared and input is received from stakeholders.

Development of this school improvement plan

The current school improvement plan was evaluated and approved by the EESAC on 10/08/2014. The school improvement plan is revisited at every EESAC meeting. Areas of strength and areas in need of further improvement are discussed. Strategies for improvement are shared and input is received from stakeholders.

Preparation of the school's annual budget and plan

The preparation of the school's annual budget and plan is done in collaboration with school administration and stakeholders. The use of improvement funds is discussed and a plan for use of the funds is presented and reviewed by members of the ESSAC.

Describe the use of school improvement funds allocated last year, including the amount budgeted for each project

School Improvement Funds were used to offer free tutoring to our struggling students especially those students in the lowest 25% category. The funds received helped pay for the cost of workbooks and other resources used in the tutoring program.

Verify that the school is in compliance with section 1001.452, Florida Statutes, regarding the establishment requirements and duties of the SAC

Yes

If the school is not in compliance, describe the measures being implemented to meet SAC requirements

Literacy Leadership Team (LLT)

Membership

Identify the name, email address and position title for each member of the school-based LLT.:

Name	Title
Melian, Ileana	Principal
Camarena, Olga	Assistant Principal
Plantada, Christopher	Assistant Principal
Rodriguez, Tannia	Instructional Coach

Duties

Describe how the LLT promotes literacy within the school

The Literacy Leadership team creates Reading Initiatives and coordinates programs that will develop an interest and motivation in the students to read. Some programs include the following:

- Read like a detective. Write like a researcher slogan
- AR monthly weekly competitions
- Thematic reading units- building connections
- Interactive software programs
- Implement a writing plan across the curriculum
- Incorporate a school-wide reading initiative as an incentive system to use with Accelerated Reader to encourage and motivate students to read independently.
- Implementing reading intervention programs through Voyager and iReady
- Host a Scholastic Book Fair to promote literacy
- Host a school-wide literacy night (Reading Under the Stars)
- Invitation of children book authors- Author book signing and reading
- Monitor and implement literacy software programs
- Facilitate the use of the media center as a location to indulge in reading activities

The purpose of the Reading Leadership Team is to create capacity of reading knowledge within the school building and focus on areas of literacy concern across the school. The principal, reading coach, mentor reading teachers, content area teachers, and other principal appointees should serve on this team which should meet at least once a month.

The principal selects team members for the Reading Leadership Team (LLT) based on a cross section of the faculty and administrative team that represents highly qualified professionals who are interested in serving to improve literacy instruction across the curriculum. The reading coach must be a member of the Reading Leadership Team. The team will meet monthly throughout the school year. Additionally, the principal may expand the LLT by encouraging personnel from various sources such as District and Regional support staff to join. The LLT maintains a connection to the school's Response to Intervention process by using the RtI problem solving approach to ensure that a multi-tiered system of reading support is present and effective.

The major initiatives supported and implemented by this team include implementation of the CRRP, Common Core Curriculum, and the MTSS RtI problem solving process. The LLT will focus on assisting teachers with making clear connections between assessment data and targeted differentiated instruction as well as increasing the rigor of instruction.

Literacy Leadership Teams will be encouraged and supported in developing Lesson Studies to focus on developing and implementing instructional routines that use complex text and incorporate text dependent questions. Multi-disciplinary teams will develop lessons that provide students with opportunities for research and incorporate writing throughout.

Public and Collaborative Teaching

The school's response to this section may be used to satisfy the requirements of 20 U.S.C. § 6314(b)(1)(D).

Describe the school's strategies to encourage positive working relationships between teachers, including collaborative planning and instruction

The overall school culture is one of a collaborative joint effort. To encourage working relationships between teachers, a variety of strategies continue to be implemented at different levels.

At each grade level, strategies for collaborative planning and instruction are:

- Grade Level Meetings: These are held once per week and are led by a highly effective teacher with experience who can share best practices with team members. At grade level meetings, teachers prepare and discuss lesson plans, design focus calendars, analyze practices and make collectively agree to implement instructional strategies as needed in their respective classrooms.
- Mentor/Mentee program: Within grade levels, first year teachers and teachers that may be identified as struggling are assigned a mentor who has been identified as highly effective. The mentor assists the mentee with instructional planning, opportunities to informally learn best practices, and discuss outcomes of said practices being implemented. This fosters a positive environment in which teachers learn from their peers.

At the school-wide level:

- Vertical-Alignment Meetings: These are held once per year between two consecutive grade levels to discuss how to assist in instructional planning geared towards preparing students with the needed concepts as prerequisites to be successful the following year.
- Opportunities for Informal Inservice Professional Development: On-going. Teachers who have attended professional development teach their peers informally what they have learned and are implementing in their own classrooms. This promotes shared accountability for school wide initiatives and an opportunity for the "instructor" to feel successful as the rest of the staff provide review and critique of the delivery of the inservice.
- "Buddy" Program: Four times in the year, once per quarter. Teachers in the K-2 grades are assigned a partner, "big buddy", in the 3-5th grades. The "Little Buddy" and the "Big Buddy" then collaborate to design opportunities for their classes to share in meaningful learning experiences. By designing lessons and activities in which their students develop connections with each other, the teachers work as partners and develop richer ties with each other as well.

In addition, to encourage positive working relationships between teachers, MAIS also executes the following strategies:

- Professional learning communities/ Lesson Studies
- Team Building Workshops- to build camaraderie

Describe the school's strategies to recruit, develop and retain highly qualified, certified-in-field, effective teachers to the school

Strategies to Recruit Highly Qualified Educators

1. Advertise positions
2. Hiring process requires candidates to interview with two interview panels
3. Involve teachers in decision making process through leadership teams

Strategies to develop and retain highly qualified teachers

1. Assign mentor teachers
2. Assign grade level chairs
3. Collaborative planning
4. Involvement in Committees
5. Social/ Team Building Events
6. Professional Development Opportunities
7. Weekly Grade Level team meetings

Describe the school's teacher mentoring program, including the rationale for pairings and planned mentoring activities

The mentoring plan at Mater Academy of International Studies is one that provides several layers of support to new teachers. Each new teacher is assigned a highly qualified mentor teacher who will work closely with them throughout the year.

Additionally, the Assistant Principal and Reading Coach will provide assistance and feedback to new teachers through informal classroom walk-throughs observations and through monthly mentoring meetings each focusing on a different topic.

Mentor: Miriam Barrios Mentee: Ana Maria Moreno

Rational for Pairing: New teacher/Foreign Exchange teacher

Planned Mentoring Activities:

Mentor will observe one lesson a month in the mentee's classroom and will give her feedback accordingly. Mentor and mentee will collaborate weekly for lesson planning. Mentee will observe other experienced teachers from the staff as determined by the mentor and will debrief about her observations with the mentor. Mentor and mentee will meet on an ongoing basis for support and guidance on lesson planning, grade book criteria, setting up and maintaining an intervention schedule as needed, and develop a classroom management plan as necessary.

Mentor: Martha Diaz Mentee: Jennifer Benedit

Rational for Pairing: New teacher

Planned Mentoring Activities:

Mentor will observe one lesson a month in the mentee's classroom and will give her feedback accordingly. Mentor and mentee will collaborate weekly for lesson planning. Mentee will observe other experienced teachers from the staff as determined by the mentor and will debrief about her observations with the mentor. Mentor and mentee will meet on an ongoing basis for support and guidance on lesson planning, grade book criteria, setting up and maintaining an intervention schedule as needed, and develop a classroom management plan as necessary.

Mentor: Tatiana Arguello Mentee: Monica Bejarano

Rational for Pairing: Beginning teacher

Planned Mentoring Activities:

Mentor will observe one lesson a month in the mentee's classroom and will give her feedback accordingly. Mentor and mentee will collaborate weekly for lesson planning. Mentee will observe other experienced teachers from the staff as determined by the mentor and will debrief about her observations with the mentor. Mentor and mentee will meet on an ongoing basis for support and guidance on lesson planning, grade book criteria, setting up and maintaining an intervention schedule as needed, and develop a classroom management plan as necessary.

Mentor: Stephanie Santagati Mentee: Jacqueline Zayas

Rational for Pairing: New teacher

Planned Mentoring Activities:

Mentor will observe one lesson a month in the mentee's classroom and will give her feedback accordingly. Mentor and mentee will collaborate weekly for lesson planning. Mentee will observe other experienced teachers from the staff as determined by the mentor and will debrief about her observations with the mentor. Mentor and mentee will meet on an ongoing basis for support and guidance on lesson planning, grade book criteria, setting up and maintaining an intervention schedule as needed, and develop a classroom management plan as necessary.

Ambitious Instruction and Learning

Instructional Programs and Strategies

Instructional Programs

Describe how the school ensures its core instructional programs and materials are aligned to Florida's standards

Florida has adopted and amended the Common Core Standards. The new Florida Standards provide focus on in-depth critical-thinking and problem solving skills rather than rote memorization and

“teaching to the test.” The pacing guides designed by Miami-Dade County Public School were designed to reflect and align to the new Florida Standards. Our school ensures that the core instructional programs and strategies are directly correlated to the adopted curriculum and pacing created by the MDCPS.

This differentiated instruction may be on grade level with special attention to the needs of each student. In addition to the 90-plus minutes, the classroom teacher, special education teacher, or reading resource teacher will provide immediate intensive intervention to children in need (as determined by a diagnostic assessment).

Instructional Strategies

Describe how the school uses data to provide and differentiate instruction to meet the diverse needs of students. Provide examples of how instruction is modified or supplemented to assist students having difficulty attaining the proficient or advanced level on state assessments

Mater Academy of International Studies places a significant emphasis on the analysis and synthesis of data to drive instruction. The team strives to ensure that students are getting a quality education where they can access grade level material with strategies that fall in their instructional capacity. The administration team, support specialist and teachers are first equipped with the tools and training on evaluating school-wide and student data. At the start of the school year, the faculty and staff participate in a data analysis training, where an expert, Hermes Ortiz, analyzes the school trends from the previous year.

Teacher Data chats are conducted at the start of every quarter and/or immediately upon receiving results from interim or diagnostic assessments. The team gathers to discuss student progress in Reading and Mathematics. The students in the lowest 25 percentile are monitored closely.

Teachers are required to submit Bi-Weekly spreadsheets to the administrators. This allows for constant communication between leaders and teachers on the progress of the students. The bi-weekly results are also used to target student deficiencies. The teachers use this data to determine activities for small groups in differentiated instruction centers. The same process is applied after receiving district interim assessments results.

Upon receiving and analyzing the data, instructional implications are made based on student performance and need. The team notes patterns and suggests strategies provided by the support staff. The teachers then implement these strategies in their classrooms. This information is also relayed to tutoring and intervention teachers and give specific strategies to target the students when they are out of the classroom.

Some of the strategies include:

- Differentiated Instruction techniques
- Secondary benchmark activities
- Computer Software assigned lessons
- PD in the areas of student needs

The process listed above is on-going as we strive for continuous improvement.

Provide the following information for each strategy the school uses to increase the amount and quality of learning time and help enrich and accelerate the curriculum:

Strategy: After School Program

Minutes added to school year: 2,760

The Mater Academy of International Studies Tutoring Program meets two times a week for 60 minutes. The program targets the lowest 25th percentile of students in 3rd – 5th grade and runs for 25 weeks during the school year. Eligible students will be separated into small grade-level groups and taught by certified teachers. The tutors will be provided materials that are aligned to the Florida Standards. Triumph learning is the company that has shown to have the best supplemental materials for tutoring. The classes are taught in a gradual release model where teachers model, guide and provide time for independent practice. Teachers get to know the students individual needs and try to assist the individual student as best they can within the tutoring time. Constant communication between the classroom teacher and tutor is essential do enhance student achievement within the program.

Strategy Rationale

This strategy will serve the purpose of providing additional enrichment to students working below grade-level or having difficulties on specific grade-level benchmarks. Students will benefit from being in a small group setting where their specific needs can be met.

Strategy Purpose(s)

- Enrichment

Person(s) responsible for monitoring implementation of the strategy

Rodriguez, Tannia, trodriguez@dadeschools.net

Data that is or will be collected and how it is analyzed to determine effectiveness of the strategy

Prior to the beginning of the tutoring sessions, the leadership team and teachers will meet to analyze the data of the lowest 25 percentile by grade. The team will use the interactive data spreadsheets provided by Mr. Hermes Ortiz. The team will gather information on students' specific areas of weaknesses. The targeted benchmarks will be scheduled into a tutoring focus calendar and will be aligned to the tutoring curriculum that will be implemented in the program. The leadership team will complete this process and adjust goals as it pertains to new data received from the interim benchmark assessments.

In addition, a pretest is given at the beginning of each tutoring session and the same post test is given on the last day of each tutoring session. The tests will be graded and compared to determine student progress from the beginning of the year. The leadership team will also use the Interim Exams and student report cards to determine whether students are making adequate progress and the extended learning programs are benefiting the students.

Strategy: Weekend Program

Minutes added to school year: 1,200

Students participating in the Saturday Academy program will meet once a week, every Saturday over a ten week period. Students will receive re-mediated instruction aligned to the Florida/ Common Core Standards in the areas of English Language Arts and Mathematics. Eligible students will be separated into small grade-level groups and taught by certified teachers. The tutors will be provided materials that are aligned to the Florida Standards. Triumph learning is the company that has shown to have the best supplemental materials for tutoring. The classes are taught in a gradual release model where teachers model, guide and provide time for independent practice. Teachers get to know the students individual needs and try to assist the individual student as best they can within the tutoring time. Constant communication between the classroom teacher and tutor is essential do enhance student achievement within the program.

Strategy Rationale

This strategy will serve the purpose of providing additional enrichment to students working below grade-level or having difficulties on specific grade-level benchmarks. Students will benefit from being in a small group setting where their specific needs can be met.

Strategy Purpose(s)

- Enrichment

Person(s) responsible for monitoring implementation of the strategy

Rodriguez, Tannia, trodriguez@dadeschools.net

Data that is or will be collected and how it is analyzed to determine effectiveness of the strategy

Prior to the beginning of the tutoring sessions, the leadership team and teachers will meet to analyze the data of the lowest 25 percentile by grade. The team will use the interactive data spreadsheets provided by Mr. Hermes Ortiz. The team will gather information on students' specific areas of weaknesses. The targeted benchmarks will be scheduled into a tutoring focus calendar and will be aligned to the tutoring curriculum that will be implemented in the program. The leadership team will complete this process and adjust goals as it pertains to new data received from the interim benchmark assessments.

A pretest will be given at the beginning of each tutoring session and the same post test will be given on the last day of each tutoring session. The tests are graded and compared to determine student progress from the beginning of the year. The leadership team will also use the Interim Exams and student report cards to determine whether students are making adequate progress and the extended learning programs are benefiting the students.

Student Transition and Readiness

PreK-12 Transition

The school's response to this question may be used to satisfy the requirements of 20 U.S.C. § 6314(b)(1)(G).

Describe the strategies the school employs to support incoming and outgoing cohorts of students in transition from one school level to another

Preschoolers are screened for Kindergarten readiness to determine the specific skills and knowledge of students. Low-performing students are targeted and enrolled in the Voyager Reading Intervention Program and/or Wonder Works intervention program. Parents attend an Open House meeting where they are presented with an overview of the Kindergarten program, support provided by the school and

teacher as well as a packet that describes ways they can assist their child make the transition into Kindergarten.

Mater Academy of International is part of one school building that is shared by students and teachers of kindergarten to ninth grade. Upon graduating fifth grade, the students are assigned to the middle school code but remain in the same building but following a middle school framework. This provides the platform for an easy transition in a school environment in which the staff can see the development of the child over time.

College and Career Readiness

Describe the strategies the school uses to advance college and career awareness, which may include establishing partnerships with business, industry or community organizations

Mater Academy of International Studies promotes academic and career planning by organizing a day dedicated to different career. Community professionals from a variety of careers volunteer their time to share what they do with the students at our school. Students have the opportunity to interact with professionals from areas of their own individual interests and also share discussions and ask questions that relate to the tasks and responsibilities within that career.

Identify the career and technical education programs available to students and industry certifications that may be earned through those respective programs

The teachers at Mater Academy of International Studies work diligently to connect the curriculum to real-world experiences. Among these examples, teachers strive to engage and expose students to careers that entail aspects of the curriculum in their daily responsibilities and roles. Teachers invite community members to share information about their careers. Students are also exposed to different Colleges and Universities at a young age so students are informed and begin to establish long-term goals for themselves.

Describe efforts the school has taken to integrate career and technical education with academic courses (e.g., industrial biotechnology) to support student achievement

The Achieve 3000 software program our students utilize has a career component called the Career Center. The Career Center includes a list of career categories for students to explore. The students can expand the list to see the individual careers that may interest them. The program allows children to search information on their favorite careers. The information includes a description and responsibilities of the selected career and also includes the educational requirements for that career. Career and current Lexile scores are compared so students know how many Lexile levels they are away from reaching their career goals.

Describe strategies for improving student readiness for the public postsecondary level based on annual analysis of the [High School Feedback Report](#), as required by section 1008.37(4), Florida Statutes

NA

School Improvement Goals

The following key is intended to help readers understand how the sections of this document correspond to the steps of the 8-step planning and problem-solving framework used in the School Improvement Plan. The Quick Key numbers can help registered users go directly to the point of entry for any given goal, barrier and strategy within the online survey.

Problem Solving Key

G = Goal

B =
Barrier

S = Strategy

1 = Problem Solving Step  S123456 = Quick Key

Strategic Goals Summary

- G1.** Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning.
- G2.** Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure.
- G3.** Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready.
- G4.** As a designated Title I school, Mater Academy of International Studies will adhere to the Parent Involvement Plan.

Strategic Goals Detail

For each strategic goal, this section lists the associated targets (i.e., "SMART goals"), resources available to support movement toward the goal, barriers to achieving the goal, and the plan for monitoring progress toward the goal

G1. Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning. 1a

G039453

Targets Supported 1b

Indicator	Annual Target
AMO Reading - All Students	63.0
AMO Reading - African American	63.0
AMO Math - All Students	69.0
FCAT 2.0 Science Proficiency	47.0
FSA - Mathematics - Proficiency Rate	85.0
Math Gains	74.0
Math Lowest 25% Gains	60.0
FSA - English Language Arts - Proficiency Rate	56.0
ELA/Reading Gains	83.0
ELA/Reading Lowest 25% Gains	92.0
CELLA Listening/Speaking Proficiency	53.0
CELLA Reading Proficiency	37.0
CELLA Writing Proficiency	39.0

Resources Available to Support the Goal 2

- Highly qualified personnel
- District pacing guides
- District adopted curricular materials
- Accelerated Reader/ STAR enterprise
- i-Ready
- Achieve 3000
- Carnegie Learning
- Mathletics
- Reflex Math
- Baseline Assessments (Writing)
- Interim Assessment Data
- Academic Tutoring
- Teacher Professional Development

Targeted Barriers to Achieving the Goal 3

- Reading and Writing are interlinking areas. Writing is a channel for communicating knowledge. The new standards for English Language Arts are placing a great emphasis on writing to respond to text. Teachers do not have sufficient experience in teaching constructed response/ evidence based writing strategies and would benefit from additional professional development in this area. Students are also not equipped with the tools necessary to respond and cite evidence from text in writing and lack exposure to analytical writing across subject areas. Students who have difficulty in reading comprehension will find writing across the curriculum a struggle. In

order to effectively respond to text, students should be skilled in the areas of vocabulary, reading application, literary analysis and reading informational text. The 2014 FCAT Reading results indicate that third grade students scored 65% correct in the Reading Application Reporting Category and 67% correct in Literary Analysis Reporting Category with an overall proficiency rate of 57%. Fourth grade students scored 64% correct in Literary Analysis Reporting Category and 67% correct in Vocabulary Reporting Category. The total percent proficiency for fourth graders in Reading was 63%. 58% of fourth grade students scored a passing score of 3.5 or higher in the FCAT Writing Assessment. Students performance indicates that students need more assistance in the writing process and genre writing that will affect their ability to Constructive Response or Analytical Writing. Thirty two percent of ELL students scored proficient in the writing Spring 2014 CELLA Writing Assessment. This demonstrates the difficulty ELL students have in writing to communicate ideas.

Plan to Monitor Progress Toward G1. 8

The following data will be collected and reviewed throughout the year to determine progress toward the goal: Diagnostic Assessments, Software program performance Reports, District Writing Post Assessment, District Interim Assessment Results, Bi-Weekly assessments

Person Responsible

Ileana Melian

Schedule

Monthly, from 9/19/2014 to 5/27/2016

Evidence of Completion

Year-at-a-Glance Reports, Thinkgate Writing/ Interim reports, Software program performance Reports Student Target Model, individual Student Performance Models, Student/ Teacher Data chats

G2. Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure. 1a

G049173

Targets Supported 1b

Indicator	Annual Target
Attendance rate	7.0
Attendance Below 90%	
2+ Behavior Referrals	
Discipline incidents	
One or More Suspensions	1.0
Level 1 - All Grades	18.0
Non-proficient Reading by Grade 03	11.0
Retained Students	5.0

Resources Available to Support the Goal 2

- Educational Software Programs- Achieve 3000 and i-Ready
- After school and Saturday tutoring programs
- Student and Parent Handbook - addresses policies and regulation on attendance and behavior
- Student code of conduct
- Mindfulness school and classroom routines
- Character Development Practices
- School-Wide clubs (Art, Drama/Glee, Mindful Mats, Technology, Math and Science, Fitness) and sports programs (Soccer and Basketball).
- Teacher professional development workshops-Differentiated Instruction, New Standards (ELA and Mathematics Florida Standards), Writing Analytically and other instructional practices
- Response to Intervention (RtI) and Multi-Tiered Student Support Team (MTSS) monthly team meetings
- Literacy Leadership Team meetings
- On-going Data Chats with administrators and teachers and student-teacher data conferences
- On-site Social Worker who helps students with emotional and behavioral difficulties

Targeted Barriers to Achieving the Goal 3

- Many factors can contribute to the reduction of Early Warning Systems. Lack of student foundational skills and background knowledge in English Language Arts and Mathematics affects student achievement. Many of these students are English language Learners which plays a vital role in the acquisition of reading or math skills. Many struggling students have parents who have difficulty providing support at home to reinforce content skills or behavior. This also affects the monitoring of student absences.

Plan to Monitor Progress Toward G2. 8

To ensure that Mater Academy of International Studies is making progress towards achieving this goal, the administration team alongside the instructional coach and staff will closely monitor the academic progress of the students by analyzing data and the implementation of effective instructional strategies.

Person Responsible

Ileana Melian

Schedule

Monthly, from 8/18/2014 to 6/4/2015

Evidence of Completion

Diagnostic assessments, interim assessment data, formative teacher assessments, bi-weekly exams, walk-throughs, lesson plans that reflect differentiated strategies, sign in sheets,

G3. Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready. 1a

G049693

Targets Supported 1b

Indicator	Annual Target
-----------	---------------

Resources Available to Support the Goal 2

- Events./Initiatives- Career Day, Mobile Lab, Science Fair, Field Trips, Fairchild Challenge
- Science Labs- Science Kits and Materials
- Technology- desk tops and notebooks, computer lab, GIZMOS
- Science curriculum/ pacing guides
- Math curriculum/ pacing guides
- Florida Stem Tips www.stem.dadeschools.net,
- Community connections/contacts

Targeted Barriers to Achieving the Goal 3

- Some barriers that may affect the increase in participation in STEM related activities is lack of student motivation in the participation of STEM related activities (Miami Dade STEM expo, School/ District/ State Science Fairs, Fairchild Challenge, Clubs), minimal options or opportunities provided for STEM projects, time constraints, lack of teacher training in STEM related activities and lack of student background knowledge in the areas of Science, Technology or Mathematics.

Plan to Monitor Progress Toward G3. 8

Progress toward are STEM goal will be determined by specific STEM related data. The Leadership team will analyze data from formative assessment reports, usage/performance reports from software data, science and mathematics interims. Specific data will also be synthesized and analyzed through the school-wide data target Group Model spreadsheet. This spreadsheet provides numerical data that helps us identify how close we are to meeting our school-wide goals.

Person Responsible

Schedule

Quarterly, from 9/15/2014 to 6/4/2015

Evidence of Completion

bi-weekly assessments, science fair project grades, interim assessment reports, target group model data spreadsheet

G4. As a designated Title I school, Mater Academy of International Studies will adhere to the Parent Involvement Plan. **1a**

 G050824

Targets Supported **1b**

Indicator	Annual Target
-----------	---------------

Resources Available to Support the Goal **2**

Targeted Barriers to Achieving the Goal **3**

Action Plan for Improvement

For each strategy selected in the plan to reduce a targeted barrier to a strategic goal, this section lists the rationale for that strategy (i.e., why the school believes it will reduce the barrier) and the action steps that have been identified as necessary to implementing the strategy, including details such as the point person, timing and duration, and evidence of completion. At the end of each set of action steps is the plan for monitoring the implementation and effectiveness of the respective strategy.

Problem Solving Key

G = Goal **B** =
 Barrier **S** = Strategy

1 = Problem Solving Step  S123456 = Quick Key

G1. Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning. **1**

 G039453

G1.B1 Reading and Writing are interlinking areas. Writing is a channel for communicating knowledge. The new standards for English Language Arts are placing a great emphasis on writing to respond to text. Teachers do not have sufficient experience in teaching constructed response/evidence based writing strategies and would benefit from additional professional development in this area. Students are also not equipped with the tools necessary to respond and cite evidence from text in writing and lack exposure to analytical writing across subject areas. Students who have difficulty in reading comprehension will find writing across the curriculum a struggle. In order to effectively respond to text, students should be skilled in the areas of vocabulary, reading application, literary analysis and reading informational text. The 2014 FCAT Reading results indicate that third grade students scored 65% correct in the Reading Application Reporting Category and 67% correct in Literary Analysis Reporting Category with an overall proficiency rate of 57%. Fourth grade students scored 64% correct in Literary Analysis Reporting Category and 67% correct in Vocabulary Reporting Category. The total percent proficiency for fourth graders in Reading was 63%. 58% of fourth grade students scored a passing score of 3.5 or higher in the FCAT Writing Assessment. Students performance indicates that students need more assistance in the writing process and genre writing that will affect their ability to Constructive Response or Analytical Writing. Thirty two percent of ELL students scored proficient in the writing Spring 2014 CELLA Writing Assessment. This demonstrates the difficulty ELL students have in writing to communicate ideas. **2**

 B118466

G1.B1.S1 Teachers will incorporate writing across the curriculum strategies in their classroom throughout all grade levels. Students will have numerous opportunities to write extensively in formal and informal formats that will act as tools to engage in critical thinking and inquiry. This process will help students demonstrate what they know and acquire a greater understanding of the content and modes of communication specific to each of the disciplines. **4**

 S130792

Strategy Rationale

Research studies have indicated that the process of analytical writing allows students to make connections, think critically, and organize thoughts that in turn will help them further comprehend the area of study. Studies also suggest that students who write clearly, think clearly. Written assignments are also a great way to assess student knowledge. Writing is an essential skill students need as they enter adult life.

Action Step 1 5

Students will be provided academic tutoring that will reflect writing to learn strategies in the enrichment programs during after school and weekend tutoring sessions. These programs will access to technology software that will assist in the development of skills necessary to student achievement.

Person Responsible

Tannia Rodriguez

Schedule

Weekly, from 9/16/2014 to 4/9/2015

Evidence of Completion

Tutoring attendance rosters, tutoring sign-in sheets, teacher observations, sample work

Action Step 2 5

Administrators and teachers will be provided professional development opportunities through workshops, PLCs, and lesson studies to acquire effective writing techniques to incorporate during instruction.

Person Responsible

Tannia Rodriguez

Schedule

Quarterly, from 10/6/2014 to 10/6/2014

Evidence of Completion

PD sign-in sheets, PD agendas, PD follow-up activities, Observation of use instructional strategies

Action Step 3 5

The administration team will oversee the effectiveness of the strategy by enforcing protocols for writing across the curriculum.

Person Responsible

Ileana Melian

Schedule

Daily, from 9/26/2014 to 6/4/2015

Evidence of Completion

ASSESSA observations, lesson plan checks, informal walk-throughs, IPEGS evaluations

Action Step 4 5

To ensure synergy throughout the school, a writing uniformed writing rubric will be provided to teachers in order to ensure the effectiveness of writing in the discipline.

Person Responsible

Tannia Rodriguez

Schedule

On 10/6/2014

Evidence of Completion

Lesson plans, student sample work, assessment rubrics, classroom observations

Action Step 5 5

Teachers will provide students opportunities to write by incorporating informal writing to learn activities through quick writes, lists, note-taking, double entry explorations, graphic organizers, vocabulary maps, etc.

Person Responsible

Christopher Plantada

Schedule

Daily, from 8/18/2014 to 6/5/2015

Evidence of Completion

Student constructed response journals, instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)

Action Step 6 5

Teachers will provide students opportunities to write by incorporating formal writing activities utilizing a process approach that will generate review and synthesis of content and will provide them the platform to organize and present information.

Person Responsible

Ileana Melian

Schedule

Biweekly, from 9/26/2014 to 6/5/2015

Evidence of Completion

Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)

Action Step 7 5

English Language Arts teachers will incorporate process writing strategies in order to provide opportunities to become effective writer in different genres of evidence based, analytical writing-opinion and argumentative writing.

Person Responsible

Tannia Rodriguez

Schedule

On 6/5/2015

Evidence of Completion

Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)

Action Step 8 5

Mathematics teachers will integrate writing strategies by providing students opportunities to explain mathematical theories or solutions to real-world mathematical problems.

Person Responsible

Ena Garcia

Schedule

Weekly, from 8/18/2014 to 6/5/2015

Evidence of Completion

Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)

Action Step 9 5

Science teachers will integrate writing by providing students opportunities to create lab reports, annotate observations, write research, and create scientific brochures and materials.

Person Responsible

Stephanie Santagati

Schedule

Daily, from 9/26/2014 to 6/5/2015

Evidence of Completion

Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)

Plan to Monitor Fidelity of Implementation of G1.B1.S1 6

The leadership team will conduct informal and formal observations of teachers in order to monitor the fidelity of implementation of the strategy.

Person Responsible

Ileana Melian

Schedule

Weekly, from 8/18/2014 to 9/26/2014

Evidence of Completion

ASSESSA APP reports, observation checklists, IPEG evaluations.

Plan to Monitor Fidelity of Implementation of G1.B1.S1 6

To ensure teachers are following the writing strategy as it was entailed, a WAC strategy checklist will be created to monitor the fidelity of the program. This will provide teachers a checklist of activities and procedural routines that will equip teachers with a format to ensure the strategy is being done correctly.

Person Responsible

Tannia Rodriguez

Schedule

Daily, from 9/26/2014 to 9/26/2014

Evidence of Completion

Evidence of routines being followed through observations, class assignments, instructional routines, common board configuration, lesson plans

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Bi-weekly assessments will indicate student progress throughout the school year in specific content areas. This will provide useful insight to see if writing is enhancing instructing.

Person Responsible

Ileana Melian

Schedule

Biweekly, from 9/26/2014 to 5/29/2015

Evidence of Completion

Teacher Excel spreadsheets of student performance on bi-weekly assessments

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Diagnostic assessment results

Person Responsible

Tannia Rodriguez

Schedule

Quarterly, from 10/1/2014 to 5/29/2015

Evidence of Completion

FAIR results, Wonders Diagnostic assessment, score spreadsheets

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

The Interim assessment results and district writing post-tests will indicate student growth throughout the school year as it pertains to process writing in argumentative and opinion pieces.

Person Responsible

Christopher Plantada

Schedule

Quarterly, from 10/6/2014 to 3/13/2015

Evidence of Completion

Student sample writing drafts, Thinkgate Writing/ Interim reports, Student Target Model, individual Student Performance Models, Student/ Teacher Data chats

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Teachers will provide input at grade-level meetings and will provide their notes to a leader who is present and/or through their grade-level meeting minutes handout.

Person Responsible

Ileana Melian

Schedule

Weekly, from 8/18/2014 to 6/5/2015

Evidence of Completion

Grade-level meeting minutes

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Literacy leadership meetings will be conducted monthly to discuss effectiveness of the strategy in relation to observations, data analysis, and teacher input.

Person Responsible

Ileana Melian

Schedule

Monthly, from 8/18/2014 to 6/5/2015

Evidence of Completion

LLT agenda, LLT meeting minutes, LLT sign in sheets, LLT meeting logs

Plan to Monitor Effectiveness of Implementation of G1.B1.S1 7

Educational Software program performance Reports

Person Responsible

Tannia Rodriguez

Schedule

Monthly, from 9/26/2014 to 5/29/2015

Evidence of Completion

Achieve 3000 performance reports, I-Ready on-going progress monitoring reports, Mathletics performance reports

G2. Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure. 1

G049173

G2.B1 Many factors can contribute to the reduction of Early Warning Systems. Lack of student foundational skills and background knowledge in English Language Arts and Mathematics affects student achievement. Many of these students are English language Learners which plays a vital role in the acquisition of reading or math skills. Many struggling students have parents who have difficulty providing support at home to reinforce content skills or behavior. This also affects the monitoring of student absences. 2

B123697

G2.B1.S1 High-risk students (students not making adequate progress, ELL students, and student who scored Level 1 or 2 in 2014 FCAT) will receive 30 minutes of additional instruction English Language Arts and Mathematics through Wonder Works and Mathletics in a small group setting. 4

S135582

Strategy Rationale

In order to assist in bridging student learning gaps, student will have the opportunities to work at their individual instructional levels to equip them with the foundational skills to achieve in core classes. Research states that providing early intervention programs for students is essential for closing student achievement gaps. Providing students a small group setting

Action Step 1 5

The reading coach will target all "high risk" students early in the school year. She will use data from the previous year, diagnostic assessments, and teacher input to select all student in need of intensive intervention. The coach will then create a plan of action that will determine the intervention tools that will be used throughout each grade level. Based on this information and class sizes, she will schedule the instructional coaches to a variety of small intervention groups. The organization of the materials and teacher training will conclude these action steps. She will monitor the program monthly to ensure students are making progress and make necessary adjustments.

Person Responsible

Tannia Rodriguez

Schedule

Monthly, from 9/2/2014 to 6/4/2015

Evidence of Completion

Bi-Weekly assessments, Interim Assessments, I-Ready diagnostic, On-going progress monitoring Assessments through I-Ready, Intervention Schedules

Action Step 2 5

Prior to the implementation of the intervention programs, instructional coaches and teachers will be provided professional development opportunities to learn the new program. The professional development was provided by McGraw Hill representatives at the start of the school year.

Person Responsible

Tannia Rodriguez

Schedule

Every 6 Weeks, from 9/2/2014 to 6/4/2015

Evidence of Completion

Professional Development sign in sheets, professional development record of attendance, effective use of program

Plan to Monitor Fidelity of Implementation of G2.B1.S1 6

Ms. Betancourt, the SPED specialist for Mater Academy of International Studies, will monitor the fidelity of the program by conducting observations, monitoring student attendance in intervention program and usage data reports from the I-Ready program.

Person Responsible

Christina Betancourt

Schedule

Every 6 Weeks, from 9/2/2014 to 6/5/2015

Evidence of Completion

Data usage reports, attendance logs

Plan to Monitor Effectiveness of Implementation of G2.B1.S1 7

Ms. Betancourt, the SPED specialist for Mater Academy of International Studies, will monitor the effectiveness of the intervention program by collecting data to monitor student performance. She will identify students who are not making adequate progress to provide teachers and students additional support needed.

Person Responsible

Christina Betancourt

Schedule

Monthly, from 9/2/2014 to 5/28/2015

Evidence of Completion

Bi-Weekly assessments, Interim Assessments, I-Ready diagnostic, On-going progress monitoring Assessments through I-Ready

G2.B1.S3 To improve student outcomes, Mater Academy of International Studies will use data strategically to drive classroom instruction. Teachers will have monthly/quarterly data chats with administrators to review the progress that students are making throughout the year. In these meetings, teachers will be able to identify specific student needs in their specific deficiencies related to English Language Arts and Mathematics. Data will be collected from 2014 FCAT results, formative bi-weekly assessments, interim assessments, FAIR data (third-fifth grade). In addition to staff data meetings, teachers will conduct individual student data chats with all of their students. Parents of students who are not making adequate progress will also participate in data chats with the teacher. Together, the team of individuals will be working for the overall success of the student. 4

 S135629

Strategy Rationale

Research on data-driven instruction has indicated positive results in student achievement. Data Analysis helps educators identify students individual student needs in order to better cater to differentiated and whole group instructional strategies.

Action Step 1 5

All of Mater Acadmemy's faculty and staff will receive formal data workshops by Hermes Ortiz. As a master in creating data programs, Mr. Ortiz will provide a general, but thorough, overview of the school's current data trends. He will identify our school's areas of strengths and needs for improvement and provide instructional and procedural implications to help us show school-wide growth.

Person Responsible

Ileana Melian

Schedule

Semiannually, from 8/14/2014 to 1/29/2015

Evidence of Completion

Workshop sign in sheet, data powerpoint, handouts

Action Step 2 5

Individual teacher data chats will be conducted by the administrators. Administrators and reading coach will assist teachers in synthesizing and analyzing data and creating individual classroom instructional goals based on the information received.

Person Responsible

Christopher Plantada

Schedule

Quarterly, from 9/15/2014 to 9/26/2014

Evidence of Completion

Data chat sign in sheets, data chat agendas, data chat forms

Action Step 3 5

Teachers will conduct quarterly student data chats to monitor student growth and create goals with students in order to encourage students to take responsibility for their learning and give them awareness of their strengths and weaknesses. If students are not making adequate progress, teachers will have parent conferences where they will discuss individual student data and strategies to implement at home that target their needs.

Person Responsible

Schedule

Quarterly, from 9/15/2014 to 4/1/2015

Evidence of Completion

individual students data chat forms/contracts for Math and English Language Arts

Plan to Monitor Fidelity of Implementation of G2.B1.S3 6

To ensure that this is being done correctly, the administrative team will sit collective to discuss data trends by grade level and classroom in order to ensure the specific topics that will be covered throughout the meetings. There will be constant communication about data and student progress. A data chat schedule will be created and provided to all administrators and staff and updates will be provided when necessary.

Person Responsible

Ileana Melian

Schedule

Evidence of Completion

Leadership team meeting sign in sheets, meeting minutes, emails, faculty meeting agenda

Plan to Monitor Effectiveness of Implementation of G2.B1.S3 7

In order to ensure that the data strategy is effective, administrators and teachers will monitor student progress throughout the school year. Effectiveness of this program will result in an increase in student academic performance as the year progresses.

Person Responsible

Schedule

Biweekly, from 9/15/2014 to 4/30/2015

Evidence of Completion

Interim data, software performance reports, bi-weekly assessments

G3. Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready. 1

G049693

G3.B1 Some barriers that may affect the increase in participation in STEM related activities is lack of student motivation in the participation of STEM related activities (Miami Dade STEM expo, School/ District/ State Science Fairs, Fairchild Challenge, Clubs), minimal options or opportunities provided for STEM projects, time constraints, lack of teacher training in STEM related activities and lack of student background knowledge in the areas of Science, Technology or Mathematics. 2

B124395

G3.B1.S1 The school will increase the number of school-wide initiatives and events to increase student participation in STEM related activities. These events will include school-wide science fair projects, after-school STEM related clubs, Career Day event, weekly science labs, and more. 4

S136300

Strategy Rationale

Students who are exposed to more STEM related activities will become more fluent and ultimately increase motivation to successfully participate in activities where they will carry out projects and tasks that require them to connect to science, mathematics, and technology skills.

Action Step 1 5

The school will initiate school-wide programs that will promote STEM related activities. These programs will include mandatory weekly science labs, school-wide science fair exhibition, community week, Career Day events, STEM related fieldtrips, and Go Green Initiative. The leadership team and grade level chairs will work collaboratively to organize the implementation and expectations of each of the programs and will relay the information in faculty and EESAC committee meetings.

Person Responsible

Ileana Melian

Schedule

Weekly, from 8/25/2014 to 6/4/2015

Evidence of Completion

Samples of student work, lesson plans, project bulletins, observations of daily routines, school calendar, meeting agendas, meeting sign in sheets, technology usage reports, observations

Action Step 2 5

Mater Academy of International Studies will provide STEM related clubs to students in the school. These clubs will be sponsored by highly-qualified teachers who will work diligently to provide activities that will help promote college and career readiness through community projects, research based activities, innovative collaboration to carry out tasks. The clubs will include math and Engineering Club, Technology Club, K-Kids (Kiwaniis Leaders club). Administration will hold a Club Sponsorship meeting in which club guidelines and procedures will be established.

Person Responsible

Christopher Plantada

Schedule

Monthly, from 9/8/2014 to 6/4/2015

Evidence of Completion

Club attendance rosters, club meeting schedules, club projects, sample of student work

Plan to Monitor Fidelity of Implementation of G3.B1.S1 6

To ensure the tasks are being completed with fidelity, the administration team will work closely with grade level chairs to communicate on updates of program implementation. Teacher can share concerns or provide updates in their grade-level meeting minutes and inform administration on status of implementation of programs. Classroom observations will be done weekly to determine implementation of programs.

Person Responsible

Olga Camarena

Schedule

On 6/4/2015

Evidence of Completion

Grade level meeting minutes, leadership team minutes, emails, observations

Plan to Monitor Effectiveness of Implementation of G3.B1.S1 7

To monitor effectiveness of the STEM related programs, data will be collected from technology reports, formative science, student participation reports and mathematic exams. This will help determine if participation in STEM related activities is enhancing student achievement in these curricular areas.

Person Responsible

Ileana Melian

Schedule

Biweekly, from 10/3/2014 to 6/4/2015

Evidence of Completion

Formative bi-weekly assessments, interim assessments, technology performance reports, Club attendance rosters

Appendix 1: Implementation Timeline

Action steps and monitoring activities identified in the SIP as necessary to achieve the school's goals.

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/End Date
G1.B1.S1.A1	Students will be provided academic tutoring that will reflect writing to learn strategies in the enrichment programs during after school and weekend tutoring sessions. These programs will access to technology software that will assist in the development of skills necessary to student achievement.	Rodriguez, Tannia	9/16/2014	Tutoring attendance rosters, tutoring sign-in sheets, teacher observations, sample work	4/9/2015 weekly
G2.B1.S1.A1	The reading coach will target all "high risk" students early in the school year. She will use data from the previous year, diagnostic assessments, and teacher input to select all student in need of intensive intervention. The coach will then create a plan of action that will determine the intervention tools that will be used throughout each grade level. Based on this information and class sizes, she will schedule the instructional coaches to a variety of small intervention groups. The organization of the materials and teacher training will conclude these action steps. She will monitor the program monthly to ensure students are making progress and make necessary adjustments.	Rodriguez, Tannia	9/2/2014	Bi-Weekly assessments, Interim Assessments, I-Ready diagnostic, On-going progress monitoring Assessments through I-Ready, Intervention Schedules	6/4/2015 monthly
G2.B1.S3.A1	All of Mater Academy's faculty and staff will receive formal data workshops by Hermes Ortiz. As a master in creating data programs, Mr. Ortiz will provide a general, but thorough, overview of the school's current data trends. He will identify our school's	Melian, Ileana	8/14/2014	Workshop sign in sheet, data powerpoint, handouts	1/29/2015 semiannually

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/End Date
	areas of strengths and needs for improvement and provide instructional and procedural implications to help us show school-wide growth.				
G3.B1.S1.A1	The school will initiate school-wide programs that will promote STEM related activities. These programs will include mandatory weekly science labs, school-wide science fair exhibition, community week, Career Day events, STEM related fieldtrips, and Go Green Initiative. The leadership team and grade level chairs will work collaboratively to organize the implementation and expectations of each of the programs and will relay the information in faculty and EESAC committee meetings.	Melian, Ileana	8/25/2014	Samples of student work, lesson plans, project bulletins, observations of daily routines, school calendar, meeting agendas, meeting sign in sheets, technology usage reports, observations	6/4/2015 weekly
G1.B1.S1.A2	Administrators and teachers will be provided professional development opportunities through workshops, PLCs, and lesson studies to acquire effective writing techniques to incorporate during instruction.	Rodriguez, Tannia	10/6/2014	PD sign-in sheets, PD agendas, PD follow-up activities, Observation of use instructional strategies	10/6/2014 quarterly
G2.B1.S1.A2	Prior to the implementation of the intervention programs, instructional coaches and teachers will be provided professional development opportunities to learn the new program. The professional development was provided by McGraw Hill representatives at the start of the school year.	Rodriguez, Tannia	9/2/2014	Professional Development sign in sheets, professional development record of attendance, effective use of program	6/4/2015 every-6-weeks
G2.B1.S3.A2	Individual teacher data chats will be conducted by the administrators. Administrators and reading coach will assist teachers in synthesizing and analyzing data and creating individual classroom instructional goals based on the information received.	Plantada, Christopher	9/15/2014	Data chat sign in sheets, data chat agendas, data chat forms	9/26/2014 quarterly
G3.B1.S1.A2	Mater Academy of International Studies will provide STEM related clubs to students in the school. These clubs will be sponsored by highly-qualified teachers who will work diligently to provide activities that will help promote college and career readiness through community projects, research based activities, innovative collaboration to carry out tasks. The clubs will include math and Engineering Club, Technology Club, K-Kids (Kiwaniis Leaders club). Administration will hold a Club Sponsorship meeting in which club guidelines and procedures will be established.	Plantada, Christopher	9/8/2014	Club attendance rosters, club meeting schedules, club projects, sample of student work	6/4/2015 monthly
G1.B1.S1.A3	The administration team will oversee the effectiveness of the strategy by enforcing protocols for writing across the curriculum.	Melian, Ileana	9/26/2014	ASSESSA observations, lesson plan checks, informal walk-throughs, IPEGS evaluations	6/4/2015 daily
G2.B1.S3.A3	Teachers will conduct quarterly student data chats to monitor student growth and create goals with students in order to encourage students to take responsibility for their learning and give		9/15/2014	individual students data chat forms/ contracts for Math and English Language Arts	4/1/2015 quarterly

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/End Date
	them awareness of their strengths and weaknesses. If students are not making adequate progress, teachers will have parent conferences where they will discuss individual student data and strategies to implement at home that target their needs.				
G1.B1.S1.A4	To ensure synergy throughout the school, a writing uniformed writing rubric will be provided to teachers in order to ensure the effectiveness of writing in the discipline.	Rodriguez, Tannia	10/6/2014	Lesson plans, student sample work, assessment rubrics, classroom observations	10/6/2014 one-time
G1.B1.S1.A5	Teachers will provide students opportunities to write by incorporating informal writing to learn activities through quick writes, lists, note-taking, double entry explorations, graphic organizers, vocabulary maps, etc.	Plantada, Christopher	8/18/2014	Student constructed response journals, instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)	6/5/2015 daily
G1.B1.S1.A6	Teachers will provide students opportunities to write by incorporating formal writing activities utilizing a process approach that will generate review and synthesis of content and will provide them the platform to organize and present information.	Melian, Ileana	9/26/2014	Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)	6/5/2015 biweekly
G1.B1.S1.A7	English Language Arts teachers will incorporate process writing strategies in order to provide opportunities to become effective writer in different genres of evidence based, analytical writing- opinion and argumentative writing.	Rodriguez, Tannia	9/26/2014	Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)	6/5/2015 one-time
G1.B1.S1.A8	Mathematics teachers will integrate writing strategies by providing students opportunities to explain mathematical theories or solutions to real-world mathematical problems.	Garcia, Ena	8/18/2014	Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)	6/5/2015 weekly
G1.B1.S1.A9	Science teachers will integrate writing by providing students opportunities to create lab reports, annotate observations, write research, and create scientific brochures and materials.	Santagati, Stephanie	9/26/2014	Instructional routines, lesson plans, samples of student work, Focus walls, Common board configuration, informal classroom observations (walk-throughs, ASSESSA), formal observations (IPEGS)	6/5/2015 daily
G1.MA1	The following data will be collected and reviewed throughout the year to determine progress toward the goal: Diagnostic Assessments, Software program performance Reports, District Writing Post Assessment, District Interim Assessment Results, Bi-Weekly assessments	Melian, Ileana	9/19/2014	Year-at-a-Glance Reports, Thinkgate Writing/ Interim reports, Software program performance Reports Student Target Model, individual Student Performance Models, Student/ Teacher Data chats	5/27/2016 monthly
G1.B1.S1.MA1	Bi-weekly assessments will indicate student progress throughout the school year in specific content areas. This will provide useful insight to see if writing is enhancing instructing.	Melian, Ileana	9/26/2014	Teacher Excel spreadsheets of student performance on bi-weekly assessments	5/29/2015 biweekly
G1.B1.S1.MA2	Diagnostic assessment results	Rodriguez, Tannia	10/1/2014	FAIR results, Wonders Diagnostic assessment, score spreadsheets	5/29/2015 quarterly
G1.B1.S1.MA3	The Interim assessment results and district writing post-tests will indicate student growth throughout the school	Plantada, Christopher	10/6/2014	Student sample writing drafts, Thinkgate Writing/ Interim reports, Student Target Model, individual	3/13/2015 quarterly

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/End Date
	year as it pertains to process writing in argumentative and opinion pieces.			Student Performance Models, Student/Teacher Data chats	
G1.B1.S1.MA5	Teachers will provide input at grade-level meetings and will provide their notes to a leader who is present and/or through their grade-level meeting minutes handout.	Melian, Ileana	8/18/2014	Grade-level meeting minutes	6/5/2015 weekly
G1.B1.S1.MA6	Literacy leadership meetings will be conducted monthly to discuss effectiveness of the strategy in relation to observations, data analysis, and teacher input.	Melian, Ileana	8/18/2014	LLT agenda, LLT meeting minutes, LLT sign in sheets, LLT meeting logs	6/5/2015 monthly
G1.B1.S1.MA8	Educational Software program performance Reports	Rodriguez, Tannia	9/26/2014	Achieve 3000 performance reports, I-Ready on-going progress monitoring reports, Mathletics performance reports	5/29/2015 monthly
G1.B1.S1.MA1	The leadership team will conduct informal and formal observations of teachers in order to monitor the fidelity of implementation of the strategy.	Melian, Ileana	8/18/2014	ASSESSA APP reports, observation checklists, IPEG evaluations.	9/26/2014 weekly
G1.B1.S1.MA7	To ensure teachers are following the writing strategy as it was entailed, a WAC strategy checklist will be created to monitor the fidelity of the program. This will provide teachers a checklist of activities and procedural routines that will equip teachers with a format to ensure the strategy is being done correctly.	Rodriguez, Tannia	9/26/2014	Evidence of routines being followed through observations, class assignments, instructional routines, common board configuration, lesson plans	9/26/2014 daily
G2.MA1	To ensure that Mater Academy of International Studies is making progress towards achieving this goal, the administration team alongside the instructional coach and staff will closely monitor the academic progress of the students by analyzing data and the implementation of effective instructional strategies.	Melian, Ileana	8/18/2014	Diagnostic assessments, interim assessment data, formative teacher assessments, bi-weekly exams, walk-throughs, lesson plans that reflect differentiated strategies, sign in sheets,	6/4/2015 monthly
G2.B1.S1.MA1	Ms. Betancourt, the SPED specialist for Mater Academy of International Studies, will monitor the effectiveness of the intervention program by collecting data to monitor student performance. She will identify students who are not making adequate progress to provide teachers and students additional support needed.	Betancourt, Christina	9/2/2014	Bi-Weekly assessments, Interim Assessments, I-Ready diagnostic, On-going progress monitoring Assessments through I-Ready	5/28/2015 monthly
G2.B1.S1.MA1	Ms. Betancourt, the SPED specialist for Mater Academy of International Studies, will monitor the fidelity of the program by conducting observations, monitoring student attendance in intervention program and usage data reports from the I-Ready program.	Betancourt, Christina	9/2/2014	Data usage reports, attendance logs	6/5/2015 every-6-weeks
G2.B1.S3.MA1	In order to ensure that the data strategy is effective, administrators and teachers will monitor student progress throughout the school year. Effectiveness of this program will result in an increase in student academic performance as the year progresses.		9/15/2014	Interim data, software performance reports, bi-weekly assessments	4/30/2015 biweekly
G2.B1.S3.MA1	To ensure that this is being done correctly, the administrative team will sit collective to discuss data trends by	Melian, Ileana	10/3/2014	Leadership team meeting sign in sheets, meeting minutes, emails, faculty meeting agenda	one-time

Source	Task, Action Step or Monitoring Activity	Who	Start Date (where applicable)	Deliverable or Evidence of Completion	Due Date/End Date
	grade level and classroom in order to ensure the specific topics that will be covered throughout the meetings. There will be constant communication about data and student progress. A data chat schedule will be created and provided to all administrators and staff and updates will be provided when necessary.				
G3.MA1	Progress toward are STEM goal will be determined by specific STEM related data. The Leadership team will analyze data from formative assessment reports, usage/performance reports from software data, science and mathematics interims. Specific data will also be synthesized and analyzed through the school-wide data target Group Model spreadsheet. This spreadsheet provides numerical data that helps us identify how close we are to meeting our school-wide goals.		9/15/2014	bi-weekly assessments, science fair project grades, interim assessment reports, target group model data spreadsheet	6/4/2015 quarterly
G3.B1.S1.MA1	To monitor effectiveness of the STEM related programs, data will be collected from technology reports, formative science, student participation reports and mathematic exams. This will help determine if participation in STEM related activities is enhancing student achievement in these curricular areas.	Melian, Ileana	10/3/2014	Formative bi-weekly assessments, interim assessments, technology performance reports, Club attendance rosters	6/4/2015 biweekly
G3.B1.S1.MA1	To ensure the tasks are being completed with fidelity, the administration team will work closely with grade level chairs to communicate on updates of program implementation. Teacher can share concerns or provide updates in their grade-level meeting minutes and inform administration on status of implementation of programs. Classroom observations will be done weekly to determine implementation of programs.	Camarena, Olga	9/22/2014	Grade level meeting minutes, leadership team minutes, emails, observations	6/4/2015 one-time

Appendix 2: Professional Development and Technical Assistance Outlines

Professional development opportunities and technical assistance items identified in the SIP as action steps to achieve the school's goals.

Professional Development Opportunities

Professional development opportunities identified in the SIP as action steps to achieve the school's goals.

G1. Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning.

G1.B1 Reading and Writing are interlinking areas. Writing is a channel for communicating knowledge. The new standards for English Language Arts are placing a great emphasis on writing to respond to text. Teachers do not have sufficient experience in teaching constructed response/evidence based writing strategies and would benefit from additional professional development in this area. Students are also not equipped with the tools necessary to respond and cite evidence from text in writing and lack exposure to analytical writing across subject areas. Students who have difficulty in reading comprehension will find writing across the curriculum a struggle. In order to effectively respond to text, students should be skilled in the areas of vocabulary, reading application, literary analysis and reading informational text. The 2014 FCAT Reading results indicate that third grade students scored 65% correct in the Reading Application Reporting Category and 67% correct in Literary Analysis Reporting Category with an overall proficiency rate of 57%. Fourth grade students scored 64% correct in Literary Analysis Reporting Category and 67% correct in Vocabulary Reporting Category. The total percent proficiency for fourth graders in Reading was 63%. 58% of fourth grade students scored a passing score of 3.5 or higher in the FCAT Writing Assessment. Students performance indicates that students need more assistance in the writing process and genre writing that will affect their ability to Constructive Response or Analytical Writing. Thirty two percent of ELL students scored proficient in the writing Spring 2014 CELLA Writing Assessment. This demonstrates the difficulty ELL students have in writing to communicate ideas.

G1.B1.S1 Teachers will incorporate writing across the curriculum strategies in their classroom throughout all grade levels. Students will have numerous opportunities to write extensively in formal and informal formats that will act as tools to engage in critical thinking and inquiry. This process will help students demonstrate what they know and acquire a greater understanding of the content and modes of communication specific to each of the disciplines.

PD Opportunity 1

Administrators and teachers will be provided professional development opportunities through workshops, PLCs, and lesson studies to acquire effective writing techniques to incorporate during instruction.

Facilitator

Tannia Rodriguez- Literacy Coach

Participants

Teachers and Administrators

Schedule

Quarterly, from 10/6/2014 to 10/6/2014

PD Opportunity 2

Teachers will provide students opportunities to write by incorporating formal writing activities utilizing a process approach that will generate review and synthesis of content and will provide them the platform to organize and present information.

Facilitator

Tannia Rodriguez

Participants

Teachers

Schedule

Biweekly, from 9/26/2014 to 6/5/2015

PD Opportunity 3

Mathematics teachers will integrate writing strategies by providing students opportunities to explain mathematical theories or solutions to real-world mathematical problems.

Facilitator

Ena Garcia and Lia Agamez

Participants

Teachers and Staff

Schedule

Weekly, from 8/18/2014 to 6/5/2015

G2. Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure.

G2.B1 Many factors can contribute to the reduction of Early Warning Systems. Lack of student foundational skills and background knowledge in English Language Arts and Mathematics affects student achievement. Many of these students are English language Learners which plays a vital role in the acquisition of reading or math skills. Many struggling students have parents who have difficulty providing support at home to reinforce content skills or behavior. This also affects the monitoring of student absences.

G2.B1.S1 High-risk students (students not making adequate progress, ELL students, and student who scored Level 1 or 2 in 2014 FCAT) will receive 30 minutes of additional instruction English Language Arts and Mathematics through Wonder Works and Mathletics in a small group setting.

PD Opportunity 1

Prior to the implementation of the intervention programs, instructional coaches and teachers will be provided professional development opportunities to learn the new program. The professional development was provided by McGraw Hill representatives at the start of the school year.

Facilitator

Mater Academy/ McGraw-Hill Representatives

Participants

Instructional Coaches, teachers, grade level chairs

Schedule

Every 6 Weeks, from 9/2/2014 to 6/4/2015

G2.B1.S3 To improve student outcomes, Mater Academy of International Studies will use data strategically to drive classroom instruction. Teachers will have monthly/quarterly data chats with administrators to review the progress that students are making throughout the year. In these meetings, teachers will be able to identify specific student needs in their specific deficiencies related to English Language Arts and Mathematics. Data will be collected from 2014 FCAT results, formative bi-weekly assessments, interim assessments, FAIR data (third-fifth grade). In addition to staff data meetings, teachers will conduct individual student data chats with all of their students. Parents of students who are not making adequate progress will also participate in data chats with the teacher. Together, the team of individuals will be working for the overall success of the student.

PD Opportunity 1

All of Mater Academy's faculty and staff will receive formal data workshops by Hermes Ortiz. As a master in creating data programs, Mr. Ortiz will provide a general, but thorough, overview of the school's current data trends. He will identify our school's areas of strengths and needs for improvement and provide instructional and procedural implications to help us show school-wide growth.

Facilitator

Hermes Ortiz - Analytical Data Expert

Participants

Teachers and Administrators

Schedule

Semiannually, from 8/14/2014 to 1/29/2015

G3. Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready.

G3.B1 Some barriers that may affect the increase in participation in STEM related activities is lack of student motivation in the participation of STEM related activities (Miami Dade STEM expo, School/ District/ State Science Fairs, Fairchild Challenge, Clubs), minimal options or opportunities provided for STEM projects, time constraints, lack of teacher training in STEM related activities and lack of student background knowledge in the areas of Science, Technology or Mathematics.

G3.B1.S1 The school will increase the number of school-wide initiatives and events to increase student participation in STEM related activities. These events will include school-wide science fair projects, after-school STEM related clubs, Career Day event, weekly science labs, and more.

PD Opportunity 1

Mater Academy of International Studies will provide STEM related clubs to students in the school. These clubs will be sponsored by highly-qualified teachers who will work diligently to provide activities that will help promote college and career readiness through community projects, research based activities, innovative collaboration to carry out tasks. The clubs will include math and Engineering Club, Technology Club, K-Kids (Kiwanis Leaders club). Administration will hold a Club Sponsorship meeting in which club guidelines and procedures will be established.

Facilitator

Ileana Melian

Participants

Club Sponsors

Schedule

Monthly, from 9/8/2014 to 6/4/2015

Budget Rollup

Summary

Description	Total
Goal 1: Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning.	108,748
Goal 2: Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure.	9,847
Goal 3: Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready.	2,640
Grand Total	121,235

Goal 1: Mater Academy of International Studies will enhance student achievement in all core curricular areas through writing as a tool for thinking and learning.

Description	Source	Total
B1.S1.A1 - After School Account- Purchase of tutoring materials	General Fund	2,466
B1.S1.A1 - Tutor Salaries	Title I Part A	18,400
B1.S1.A1 - Tutor Salaries	Title III	8,000
B1.S1.A1 - Achieve 3000 software	General Fund	15,836
B1.S1.A7 - Wonders Curriculum K-5	General Fund	64,046
Total Goal 1		108,748

Goal 2: Mater Academy of International Studies will reduce Early Warning Systems by addressing attendance, behavior and student failure.

Description	Source	Total
B1.S1.A1 - Cost of intervention programs WonderWorks was free with Wonder subscription I-Ready= 9,497	Title I Part A	9,497
B1.S1.A2 - This was the payment made to the Mater head who organized the Wonders Professional Development	General Fund	350
Total Goal 2		9,847

Goal 3: Mater Academy of International Studies will increase the number of STEM related activities and experiences in and outside the classroom to prepare students to be college and career ready.

Description	Source	Total
B1.S1.A2 - Club Sponsor Stipends	General Fund	2,640
Total Goal 3		2,640