



MEMORANDUM OF UNDERSTANDING

National Math and Science Initiative - College Readiness Program and School Board of Clay County, Florida

Purpose of Agreement: To implement the National Math and Science Initiative's College Readiness Program ("the Program") in schools ("the School/s") in School Board of Clay County, Florida ("the District"). The following

Schools are eligible to implement the Program:

Clay High School
Fleming High School
Keystone High School
Middleburg High School
Oakleaf High School
Orange Park High School
Ridgeview High School

SECTION 1. TERM

The term of this Memorandum of Understanding ("MOU") shall commence on June 1, 2016, and end on May 31, 2019 (the "Term"), subject to evaluations and renewals by NMSI during the term, based on ongoing performance and availability of funding.

SECTION 2. BACKGROUND

- a. The National Math and Science Initiative ("NMSI") replicates on a national scale programs proven to elevate public education rigor and student performance in the educational disciplines of science, technology, engineering and math ("STEM"), utilizing performance-based accountability and rigorous demand for results. NMSI's College Readiness Program has produced unparalleled success in expanding the number of students enrolled and achieving qualifying scores on Advanced Placement® (AP®) math, science, and English ("MSE") exams, especially among economically disadvantaged and minority students.
- b. NMSI coordinates the planning, implementation, management and funding of the Program, which includes content-focused teacher training and support, expanded enrollments, additional time on task for students, and awards based on academic excellence, cultivation of teacher leaders, and measurement of and accountability for achievement. The overall Program goal is the increase in the number of students taking AP MSE exams and receiving qualifying scores as a measure of college readiness.

SECTION 3. COMMITMENTS BY THE DISTRICT

The District agrees to facilitate the implementation of NMSI's College Readiness Program ("CRP") consistent with its Program applications submitted by the District's individual Schools and in accordance with the terms and provisions of this MOU, in order to increase AP MSE enrollment and qualifying scores on AP MSE exams. To ensure Program success, the District agrees to take actions as necessary to ensure its Schools implement, achieve and maintain the strategies and goals set forth in this MOU and Attachments A, B, C, D, E, F, G, and H, including the following:

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1. Increase the number of qualifying scores on AP MSE exams over the grant term. Specific annual goals will be provided to the individual Schools implementing the Program.
2. Increase the number of AP MSE student enrollments and courses offered based on the individual School Growth Scenario completed by the School as part of the Program application (Attachment B).
3. Maintain the quality and sustainability of AP MSE courses by implementing the following practices:
 - a. Conduct parent/community outreach events, which may include an annual kickoff event;
 - b. Recruit, prepare and support students in AP MSE courses through open access and the elimination of barriers to student enrollment;
 - c. Recruit, support and train highly qualified teachers;
 - d. Submit required evaluation forms for all NMSI training events;
 - e. Plan for sustaining program gains beyond the Term of the Program;
 - f. Provide and fund the PSAT, during the week, for all 10th grade students;
 - g. Provide and fund substitute days aligned with Escambia School District training calendar to allow AP MSE teachers to attend Program training;
 - h. Support and fund AP Summer Institute training for AP MSE teacher;
 - i. Support and fund exam fees for AP students enrolled in MSE courses;
 - j. Coordinate student travel to student study sessions;
 - k. Provide facilities and custodial support for student study sessions;
 - l. Complete College Board course audits for all AP MSE courses;
 - m. Report data to NMSI as listed in Attachment A;
 - n. Follow general timeline of activities noted in Attachment D; and
 - o. Schedule all AP MSE courses as full year courses.
4. The School shall encourage participation in and increase local awareness of the program by promoting and publicizing NMSI's College Readiness Program to the school community, external stakeholders and media when appropriate.

To support this effort, the school should utilize the CRP toolkit located at www.crptoolkit.nms.org, which consists of a collection of templates, digital design assets, usage guidelines, instructions for event management and media outreach and other resources and materials.

To retain the Program's distinct character, the School shall:

- a. Tag, copy, link to, and/or otherwise mention the College Readiness Program and NMSI by name in existing school and district channels such as blogs, PTA and community meetings, newsletters, and social media.
- b. Notify NMSI of any press inquiries related to the Program and share any local media coverage related to the Program with NMSI staff, in advance when possible.

If you wish to communicate with existing Program funders, collaborate with NMSI to engage them correctly. Notify NMSI of any communication from the funder to the school.

5. The District acknowledges that NMSI is the sole and exclusive owner of any instructional materials, training materials, and auxiliary multimedia content distributed to its Schools either directly or by way of NMSI's online distribution channels and of all associated intellectual property registrations and copyright protections. The District agrees that their engagement with NMSI under this MOU shall not create any ownership or licensing rights in the District in or to any NMSI materials, and the District agrees not to claim any such rights to NMSI materials. The District agrees that it will not reproduce any NMSI copyrighted materials in any form or by any electronic or mechanical means without explicit written permission from NMSI.

If, at any time, any District School is not in compliance with the terms of the commitments set forth herein, NMSI will work directly with administrators and leaders to determine appropriate interventions for the purpose of determining and implementing plans for correction with ongoing monitoring and assistance. If such interventions do not effectively bring the School within compliance, NMSI reserves the right to place the School on probation and/or to discontinue programming. If probation is deemed necessary, the School and the District will receive a letter detailing terms of the year-long probationary period with specific detail related to the individual requirements of the School.

SECTION 4. COMMITMENTS BY NMSI

Subject to the District's performance of its commitments and undertakings pursuant to this MOU, which shall be determined within the sole and absolute discretion of NMSI, during the Term NMSI agrees that it will provide the following to or for the benefit of the District:

1. Annual Stipends and Threshold Awards (as described more fully in the Attachments referenced below):
 - a. Program AP MSE teachers will receive up to a five hundred dollar (\$500) stipend for specific activities. See Attachment F;
 - b. Program AP MSE teachers will receive one hundred dollars (\$100) (fifty dollars (\$50) provided by Florida Department of Education distributed to the teacher by the school, and fifty dollars (\$50) by NMSI funding for each student's AP MSE exam score of three (3) or higher on the teacher's class roster as registered with NMSI. Should a teacher exceed the maximum of three thousand dollars (\$3,000) paid by Florida Department of Education through the school, NMSI will fund the full one hundred dollars (\$100) for each score earned beyond the three thousand dollars (\$3,000) maximum for that teacher. See Attachment F;
 - c. Program AP MSE teachers will also have an opportunity to receive a threshold award of up to one thousand dollars (\$1,000) based on the total number of students receiving an AP exam score of three (3) or higher in an AP MSE course. Each AP MSE teacher will receive a Letter of Expectations and Support that provides Program expectations and the threshold award goal. See Attachment F;
 - d. Students listed on the teacher's registered class roster who attain a AP MSE exam score of three (3) or higher will receive one hundred dollars (\$100); and
 - e. The School's NMSI Designated Administrator will receive a stipend of one thousand dollars (\$1,000) and an opportunity to receive a threshold award of up to one thousand dollars (\$1,000) based on reaching or exceeding the School goal. The Designated Administrator will receive a Letter of Expectations and Support that provides Program expectations and the School goal. See Attachment G.
2. Teacher Training and Exam Fees:
 - a. Program AP MSE examination fees: Reimbursement to the School for AP MSE examination fee expenses incurred, up to the budgeted amount. This amount will be calculated after any state, federal, or school funding is applied toward the examination cost. See Attachment C;
 - b. Program AP MSE teachers: Funding for Program AP MSE teachers to attend NMSI-approved Advanced Placement Summer Institutes, two-day (2) workshops, and mock exam readings; and
 - c. Program MSE teachers: Funding for Program AP MSE teachers to attend NMSI's Laying the Foundation teacher training, as approved by NMSI.
3. Student Study Sessions:

- a. Resources to conduct AP MSE student study sessions over the course of the school year; and
 - b. Support in planning all sessions and logistical support.
4. AP Classroom Supplies:
- a. Classroom supplies for AP MSE courses, subject to approval by NMSI.
5. Collaboration with the District and the School to implement, manage, and report the results of the Program as outlined below:
- a. Provide forms needed for the Program;
 - b. Provide data and reports on the Program;
 - c. Advise Program schools in recruiting AP MSE teachers;
 - d. Assess, on an annual basis, each AP MSE teacher's participation in and support of Program goals and expectations as listed in Attachment F;
 - e. Assist the individual responsible for coordinating the School's AP program in providing the best testing environment for AP students;
 - f. Advise schools and districts on curriculum alignment and scheduling;
 - g. Provide subject matter experts to support teachers and students;
 - h. Work directly with administrators to proactively address concerns; and
 - i. If necessary, develop probation plans for struggling Program schools.
6. Payment of Stipends and Awards:
- a. Pay stipends and threshold awards directly to teachers;
 - b. Send individual student awards to the school for distribution at a school-based celebration event or directly to the student.

SECTION 5. PROGRAM BUDGET AND FUNDING PROCESS

1. Program Budget. *Attachment C* identifies Program expenses, the corresponding budget, and the allocation of resources set aside for implementation of the Program at the School. The School agrees to comply with the budget, which is subject to amendment or revision by NMSI at its sole and absolute discretion. The amounts listed in *Attachment C*, are projections which reflect anticipated Program expenses and services, and do not represent actual amounts of funding that the School may receive.
2. Funding Process. Pursuant to this MOU and its Attachments, NMSI is committing funding to assist each School in implementing and operating the College Readiness Program. Funding is provided to each School, the Designated Administrator, AP MSE teachers, qualified students, and vendors to pay for eligible expenses, as identified in Attachment C, subject to verification and approval by NMSI.

SECTION 6. GENERAL PROVISIONS

1. Relationship of the Parties; Indemnity; No Third-Party Beneficiaries. NMSI is an independent non-profit corporation and, subject to the terms of this MOU, shall have the sole right to supervise, manage, operate, control and direct the performance of the services to be provided pursuant to this MOU. The personnel and staff of NMSI are employees of NMSI and shall not, for any purpose, be considered employees or agents of the District. The personnel and staff of the District shall not, for any purpose, be considered employees or agents of NMSI. Nothing in this MOU shall be deemed or construed to establish a joint venture, employer-employee, agent, agency or partnership relationship. The District shall indemnify NMSI against any damages and costs incurred by NMSI under any claim or cause of action against NMSI related to or arising under this MOU or as a result of implementation of the Program. NMSI shall not incur any liability for or assume responsibility for any debts or obligations of the District, and shall not sign as a guarantor or co-signer on any instrument for the

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District. The agreement by and between the parties to this MOU does not create a warranty or guarantee of any particular results or funding, and is not intended to and does not create any right of any sort in any third party with respect to the representations and commitments set forth herein.

2. Incorporation of Attachments. The following Attachments are incorporated into and made part of this Memorandum of Understanding completely, as if they were copied verbatim at the point of reference to said Attachment:

- Attachment A: Authorization to Release Student Data
- Attachment B: Growth Scenario
- Attachment C: Budget
- Attachment D: Timeline
- Attachment E: NMSI Boilerplate, Name and Logo Usage Guidelines
- Attachment F: Teacher Letter of Expectation
- Attachment G: DA Letter of Expectation
- Attachment H: SC Letter of Expectation

IN WITNESS WHEREOF, the parties have caused this MOU to be executed on the dates set forth below.

DISTRICT REPRESENTATIVE
School Board of Clay County, Florida

Signature: _____

Print: Johanna McKinnon

Title: Chairman

Date: _____

PRESIDENT
NATIONAL MATH AND SCIENCE INITIATIVE

Signature: [Handwritten Signature]

Print: Gregg Fleister

Title: President

Date: 4-27-16

ATTACHMENT A

Authorization to Release Student Data

Upon request, the District shall report to NMSI data that are necessary to measure Program results. The School agrees to release data from its programs and services, as requested by NMSI, for all students who participated in, or were exposed to, the College Readiness Program and who indicated attendance at a secondary school within this District. Class enrollment data, AP, and PSAT test data to be released include:

- Course Name
 - Class Period
 - Course Duration
- Teacher
 - Name
 - Email
- Student
 - Name
 - Sample High School Identification number
 - Date of Birth
 - Gender
 - Ethnicity
 - Socio-Economic Status
 - ESL/ELL
 - Grade Level
 - AP Exam Results
 - Military Status

The District agrees to comply with all state and federal privacy laws with respect to the collection and sharing of data described herein. Information will be released consistent with the Family Educational Rights and Privacy Act, Florida law and School Board of Clay County, Florida's policy regarding the confidentiality of data. This authorization will include data for students graduating in 2016 through 2019.

Signature: _____

Name: _____

Title: _____

Date: _____

**ATTACHMENT B
Growth Scenario**

FL - Clay County Public Schoos - CLAY HIGH SCHOOL GROWTH SCENARIO 2016-17															
MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams					
								CURRENT	PROGRAM	CURRENT	PROGRAM				
								2015-16	2016-17	2015-16	2016-17				
MATH (M)															
Calculus AB	9	9	5	100%	56%	100%	65%	9	20	5	13				
Calculus BC	0	0	0			100%		0	0	0	0				
Statistics	20	20	11	100%	55%	100%	65%	23	35	13	23				
Comp Sci A	0	0	0			100%		0	0	0	0				
Comp Sci P	0	0	0			100%	50%	0	0	0	0				
Total Math:	29	29	16	100%	55%			32	55	18	36				
SCIENCE (S)															
Biology	6	6	4	100%	67%	100%	60%	3	15	2	9				
Chemistry	7	7	5	100%	71%	100%	55%	11	20	8	11				
Env Science	10	10	3	100%	30%	100%	45%	12	25	4	11				
Physics 1	15	15	4	100%	27%	100%	45%	8	18	2	8				
Physics 2	0	0	0			100%	35%	0	0	0	0				
PhysC: E&M	0	0	0			100%	35%	0	0	0	0				
PhysC: M	0	0	0			100%	35%	0	0	0	0				
Total Science:	38	38	16	100%	42%			34	78	16	39				
ENGLISH (E)															
Eng Lang	60	60	35	100%	58%	100%	65%	49	85	29	55				
Eng Lit	38	38	29	100%	76%	100%	80%	51	51	37	41				
Total English:	98	98	64	100%	65%			100	136	66	96				
TOTAL MSE	165	165	96	100%	58%			166	269	100	171				
			BASELINE												
Only numbers in red can be changed								For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.							
								<table border="1"> <tr> <th>Baseline</th> <th>NMSI 2016-</th> </tr> <tr> <td>100</td> <td>180</td> </tr> </table>		Baseline	NMSI 2016-	100	180		
Baseline	NMSI 2016-														
100	180														

FLEMING ISLAND HIGH SCHOOL GROWTH SCENARIO 2016-17

MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams					
								CURRENT	PROGRAM	CURRENT	PROGRAM				
								2015-16	2016-17	2015-16	2016-17				
MATH (M)															
Calculus AB	29	29	28	100%	97%	100%	75%	20	52	19	39				
Calculus BC	34	34	26	100%	76%	100%	82%	36	18	28	15				
Statistics	1	1	1	100%	100%	100%	50%	0	0	0	0				
Comp Sci A	2	2	2	100%	100%	100%	50%	0	0	0	0				
Comp Sci P	0	0	0			100%	50%	0	0	0	0				
Total Math:	66	66	57	100%	86%			56	70	47	54				
SCIENCE (S)															
Biology	73	73	50	100%	68%	100%	70%	106	95	73	67				
Chemistry	14	14	4	100%	29%	100%	45%	12	12	3	5				
Env Science	53	53	23	100%	43%	100%	60%	21	32	9	19				
Physics 1	42	42	14	100%	33%	100%	50%	71	95	24	48				
Physics 2	0	0	0			100%	40%	18	25	2	10				
PhysC: E&M	15	15	8	100%	53%	100%	60%	0	16	0	10				
PhysC: M	15	15	5	100%	33%	100%	45%	21	16	7	7				
Total Science:	212	212	104	100%	49%			249	291	118	166				
ENGLISH (E)															
Eng Lang	108	108	56	100%	52%	100%	75%	69	115	36	86				
Eng Lit	53	53	37	100%	70%	100%	75%	100	75	55	56				
Total English:	161	161	93	100%	58%			169	190	91	142				
TOTAL MSE	439	439	254	100%	58%			474	551	256	362				
			BASELINE												
Only numbers in red can be changed						For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Baseline</td> <td>NMSI 2016-</td> </tr> <tr> <td>256</td> <td>398</td> </tr> </table>						Baseline	NMSI 2016-	256	398
Baseline	NMSI 2016-														
256	398														

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FL - Clay County Public Schools - KEYSTONE HEIGHTS HIGH SCHOOL GROWTH SCENARIO 2016-17

MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams	
								CURRENT	PROGRAM	CURRENT	PROGRAM
								2015-16	2016-17	2015-16	2016-17
MATH (M)											
Calculus AB	1	1	1	100%	100%	100%	50%	10	14	10	7
Calculus BC	2	2	1	100%	50%	100%	50%		0		0
Statistics		0				100%	40%		12		5
Comp Sci A		0				100%	50%		0		0
Comp Sci P		0				100%	50%		0		0
Total Math:	3	3	2	100%	67%			10	26	10	12
SCIENCE (S)											
Biology		0				100%	35%		0		0
Chemistry		0				100%	35%		0		0
Env Science		0				100%	35%		0		0
Physics 1		0				100%	30%		20		6
Physics 2		0				100%	35%		0		0
PhysC: E&M		0				100%	35%		0		0
PhysC: M		0				100%	35%		0		0
Total Science:	0	0	0					0	20	0	6
ENGLISH (E)											
Eng Lang	10	10	5	100%	50%	100%	50%	0	15	0	8
Eng Lit	13	13	4	100%	31%	100%	50%	19	28	6	14
Total English:	23	23	9	100%	39%			19	43	6	22
TOTAL MSE	26	26	11	100%	42%			29	89	16	40

BASELINE

Only numbers in red can be changed

For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.

Baseline	NMSI 2016-
16	39

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FL - Clay County Public Schools - MIDDLEBURG HIGH SCHOOL GROWTH SCENARIO 2016-17

MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams	
								CURRENT	PROGRAM	CURRENT	PROGRAM
								2015-16	2016-17	2015-16	2016-17
MATH (M)											
Calculus AB	17	17	14	100%	82%	100%	75%	16	20	9	15
Calculus BC						100%	70%		3		2
Statistics						100%	50%				
Comp Sci A						100%	70%				
Comp Sci P						100%	50%				
Total Math:	17	17	14	100%	82%			16	23	9	17
SCIENCE (S)											
Biology						100%	35%		22		8
Chemistry	3	3	1	100%	33%	100%	40%	6	12	2	5
Env Science	9	9	1	100%	11%	100%	35%	16	32	2	11
Physics 1						100%	35%	23	22	2	8
Physics 2						100%	35%				
PhysC: E&M						100%	35%				
PhysC: M						100%	35%				
Total Science:	12	12	2	100%	17%			45	88	6	32
ENGLISH (E)											
Eng Lang	66	66	36	100%	55%	100%	60%	63	75	31	45
Eng Lit	27	27	19	100%	69%	100%	75%	53	61	27	46
Total English:	93	93	55	100%	59%			116	136	58	91
TOTAL MSE	122	122	71	100%	58%			177	247	73	140
			BASELINE								
Only numbers in red can be changed						For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.					
						Baseline	NMSI 2016-				
						73	142				

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FL - Clay County Public Schools - OAKLEAF HIGH SCHOOL GROWTH SCENARIO 2016-17

MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams	
								CURRENT	PROGRAM	CURRENT	PROGRAM
								2015-16	2016-17	2015-16	2016-17
MATH (M)											
Calculus AB	15	15	7	100%	47%	100%	50%	24	27	9	14
Calculus BC	2	2	1	100%	50%	100%	50%	6	15	3	8
Statistics	13	13	7	100%	54%	100%	55%	20	25	8	14
Comp Sci A	2	2	1	100%	50%	100%	50%	0	0	0	0
Comp Sci P	0	0	0			100%	50%	0	25	0	13
Total Math:	32	32	16	100%	50%			50	92	20	49
SCIENCE (S)											
Biology	9	9	5	100%	56%	100%	55%	7	25	4	14
Chemistry	0	0	0			100%	35%	0	16	0	6
Env Science	48	43	33	90%	77%	100%	80%	48	0	30	0
Physics 1	29	29	2	100%	7%	100%	35%	61	110	4	39
Physics 2	0					100%	35%	16	16	4	6
PhysC: E&M	0					100%	35%	0	0	0	0
PhysC: M	0					100%	35%	0	0	0	0
Total Science:	86	81	40	94%	49%			132	167	42	65
ENGLISH (E)											
Eng Lang	28	28	14	100%	50%	100%	55%	75	125	17	69
Eng Lit	47	47	34	100%	72%	100%	72%	55	75	36	54
Total English:	75	75	48	100%	64%			130	200	53	123
TOTAL MSE	193	188	104	97%	55%			312	459	115	237
			BASELINE								
Only numbers in red can be changed						For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.					
								Baseline	NMSI 2016-		
								115	201		

ORANGE PARK HIGH SCHOOL GROWTH SCENARIO 2016-17

MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams	
								CURRENT	PROGRAM	CURRENT	PROGRAM
								2015-16	2016-17	2015-16	2016-17
MATH (M)											
Calculus AB	20	20	9	100%	45%	100%	60%	19	25	10	15
Calculus BC	0	0				100%	50%				
Statistics	13	9	5	69%	56%	100%	60%		0	0	0
Comp.Sci A	0	0				100%	50%				
Comp.Sci P	0	0				100%	50%				
Total Math:	33	29	14	88%	48%			19	25	10	15
SCIENCE (S)											
Biology	24	24	9	100%	38%	100%	45%	21	30	9	14
Chemistry	18	18	5	100%	28%	100%	40%	27	30	7	12
Env Science	28	28	15	100%	54%	100%	55%	46	60	17	33
Physics 1	0	0				100%	35%				
Physics 2	0	0				100%	35%				
PhysC: E&M	0	0				100%	35%				
PhysC: M	0	0				100%	35%				
Total Science:	70	70	29	100%	41%			94	120	33	59
ENGLISH (E)											
Eng Lang	37	37	23	100%	62%	100%	68%	45	70	30	48
Eng Lit	36	36	23	100%	64%	100%	60%	21	65	16	39
Total English:	73	73	46	100%	63%			66	135	46	87
TOTAL MSE	176	172	89	98%	52%			179	280	89	161

BASELINE

Only numbers in red can be changed

For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.

Baseline	NMSI 2016-
89	165

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National Math and Science Initiative

FL - Clay County Public Schools - RIDGEVIEW HIGH SCHOOL GROWTH SCENARIO 2016-17											
MSE AP Courses	2014-15 Enrollment	2014-15 Exam Takers	2014-15 Qualifying Scores	2014-15 % of exam takers vs enrollment	2014-15 % of scores of 3 or higher vs taking	2016-17 % of exam takers vs enrollment	2016-17 % of scores of 3 or higher vs taking	# of students enrolled in AP Classes		# of students earning 3,4, or 5 on MSE AP Exams	
								CURRENT	PROGRAM	CURRENT	PROGRAM
								2015-16	2016-17	2015-16	2016-17
MATH (M)											
Calculus AB	10	10	6	100%	60%	100%	60%	7	16	4	10
Calculus BC	0	0	0			100%	50%	0	0	0	0
Statistics	5	5	5	100%	100%	100%	50%	0	24	0	12
Comp Sci A	0	0	0			100%	50%	0	0	0	0
Comp Sci P	0	0	0			100%	50%	0	0	0	0
Total Math:	15	15	11	100%	73%			7	40	4	22
SCIENCE (S)											
Biology	4	4	2	100%	50%	100%	45%	16	9	8	4
Chemistry	2	2	0	100%	0%	100%	35%	9	7	2	2
Env Science	0	0	0			100%	35%	16	41	2	14
Physics 1	0	0	0			100%	35%	0	0	0	0
Physics 2	0	0	0			100%	35%	0	0	0	0
PhysC: E&M	0	0	0			100%	35%	0	0	0	0
PhysC: M	0	0	0			100%	35%	0	0	0	0
Total Science:	6	6	2	100%	33%			41	57	12	20
ENGLISH (E)											
Eng Lang	30	29	10	97%	34%	100%	40%	89	17	20	7
Eng Lit	99	99	62	100%	63%	100%	63%	28	145	18	91
Total English:	129	128	72	99%	56%			117	162	38	98
TOTAL MSE	150	149	85	99%	57%			165	259	54	140
			BASELINE								
Only numbers in red can be changed								For comparison, this is the NMSI projected first year growth goal based on baseline MSE qualifying scores.			
								Baseline	NMSI 2016-		
								54	108		

ATTACHMENT C

Program Budget and Assumptions

The amounts listed below are projections and reflect Program anticipated expenses and services, not actual dollars to be received from or given to the School.

CLAY HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	
Teacher Training							
APSI Training	\$2,175	\$8,775	\$2,900	\$9,875	\$2,900	\$11,700	\$38,325
2-day Training	\$0	\$3,300	\$0	\$3,850	\$0	\$4,400	\$11,550
Mock Reading	\$1,138	\$1,500	\$1,342	\$1,750	\$1,514	\$2,000	\$9,244
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$3,313	\$33,575	\$4,242	\$35,475	\$4,414	\$38,100	\$119,119
Stipends and Awards							
Awards for Students	\$0	\$17,400	\$0	\$19,100	\$0	\$21,000	\$57,500
Awards for Teachers	\$8,000	\$9,500	\$8,750	\$10,350	\$9,450	\$11,550	\$57,600
AP Mentors/Consultants	\$0	\$3,900	\$0	\$2,275	\$0	\$2,600	\$8,775
AP Teacher Stipends	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$8,000	\$40,300	\$8,750	\$42,225	\$9,450	\$46,650	\$155,375
Student Study Sessions							
Student Study Sessions	\$0	\$36,926	\$0	\$33,064	\$0	\$26,481	\$96,470
Total Student Study Sessions	\$0	\$36,926	\$0	\$33,064	\$0	\$26,481	\$96,470
Exam Fees							
AP Exam Fees	\$11,373	\$7,582	\$13,571	\$9,047	\$15,093	\$10,062	\$66,728
PSAT Exams Fees	\$5,250	\$0	\$5,775	\$0	\$6,353	\$0	\$17,378
Total Exam Fees	\$16,623	\$7,582	\$19,346	\$9,047	\$21,445	\$10,062	\$84,105
Equipment and Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$26,456	\$0	\$26,592	\$0	\$21,532	\$74,581
Total Program Management/Indirect Costs	\$0	\$36,456	\$0	\$34,592	\$0	\$29,032	\$100,081
Estimated Total Program Costs	\$27,936	\$169,838	\$32,338	\$164,404	\$35,309	\$160,324	\$590,150

Memorandum of Understanding

National Math and Science Initiative

FLEMING HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	
Teacher Training							
APSI Training	\$2,900	\$11,700	\$3,625	\$12,800	\$3,625	\$8,400	\$43,050
2-day Training	\$0	\$4,400	\$0	\$4,950	\$0	\$5,500	\$14,850
Mock Reading	\$2,018	\$2,000	\$2,310	\$2,250	\$2,560	\$2,500	\$13,638
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$4,918	\$38,100	\$5,935	\$40,000	\$6,185	\$36,400	\$131,538
Stipends and Awards							
Awards for Students	\$0	\$17,400	\$0	\$19,100	\$0	\$21,000	\$57,500
Awards for Teachers	\$8,700	\$8,700	\$9,550	\$9,550	\$10,500	\$10,500	\$57,500
AP Mentors/Consultants	\$0	\$5,200	\$0	\$2,925	\$0	\$3,250	\$11,375
AP Teacher Stipends	\$0	\$4,000	\$0	\$4,500	\$0	\$5,000	\$13,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$4,000	\$0	\$4,500	\$0	\$5,000	\$13,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$8,700	\$42,800	\$9,550	\$44,075	\$10,500	\$48,250	\$163,875
Student Study Sessions							
Student Study Sessions	\$0	\$67,019	\$0	\$58,899	\$0	\$40,238	\$166,156
Total Student Study Sessions	\$0	\$67,019	\$0	\$58,899	\$0	\$40,238	\$166,156
Exam Fees							
AP Exam Fees	\$27,895	\$18,597	\$32,293	\$21,528	\$35,728	\$23,819	\$159,860
PSAT Exams Fees	\$7,500	\$0	\$8,250	\$0	\$9,075	\$0	\$24,825
Total Exam Fees	\$35,395	\$18,597	\$40,543	\$21,528	\$44,803	\$23,819	\$184,685
Classroom Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$37,807	\$0	\$37,807	\$0	\$26,028	\$101,642
Total Program Management/Indirect Costs	\$0	\$47,807	\$0	\$45,807	\$0	\$33,528	\$127,142
Estimated Total Program Costs	\$49,013	\$229,322	\$56,028	\$220,309	\$61,488	\$192,235	\$808,395

Memorandum of Understanding

National Math and Science Initiative

KEYSTONE HEIGHTS HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	Total
Teacher Training							
APSI Training	\$4,750	\$1,450	\$6,575	\$1,450	\$2,175	\$5,475	\$21,875
2-day Training	\$450	\$1,600	\$600	\$2,000	\$600	\$2,400	\$7,650
Mock Reading	\$578	\$1,000	\$700	\$1,250	\$826	\$1,500	\$5,854
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$5,778	\$24,050	\$7,875	\$24,700	\$3,601	\$29,375	\$95,379
Stipends and Awards							
Awards for Students	\$0	\$3,200	\$0	\$3,500	\$0	\$3,900	\$10,600
Awards for Teachers	\$1,600	\$1,600	\$1,750	\$1,750	\$1,950	\$1,950	\$10,600
AP Mentors/Consultants	\$0	\$2,600	\$0	\$1,625	\$0	\$1,950	\$6,175
AP Teacher Stipends	\$0	\$2,000	\$0	\$2,500	\$0	\$3,000	\$7,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$1,000	\$0	\$1,500	\$0	\$2,000	\$4,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$1,600	\$13,900	\$1,750	\$14,375	\$1,950	\$16,300	\$49,875
Student Study Sessions							
Student Study Sessions	\$0	\$19,880	\$0	\$18,166	\$0	\$16,467	\$54,512
Total Student Study Sessions	\$0	\$19,880	\$0	\$18,166	\$0	\$16,467	\$54,512
Exam Fees							
AP Exam Fees	\$5,905	\$0	\$5,575	\$1,060	\$6,300	\$1,197	\$20,036
PSAT Exams Fees	\$3,000	\$0	\$3,300	\$0	\$3,630	\$0	\$9,930
Total Exam Fees	\$8,905	\$0	\$8,875	\$1,060	\$9,930	\$1,197	\$29,966
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$14,614	\$0	\$14,235	\$0	\$12,028	\$40,877
Total Program Management/Indirect Costs	\$0	\$24,614	\$0	\$22,235	\$0	\$19,528	\$66,377

Memorandum of Understanding
National Math and Science Initiative

MIDDLEBURG HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	Total
Teacher Training							
APSI Training	\$2,175	\$8,775	\$2,900	\$9,875	\$2,900	\$7,300	\$33,925
2-day Training	\$0	\$3,300	\$0	\$3,850	\$0	\$4,400	\$11,550
Mock Reading	\$1,094	\$1,500	\$1,254	\$1,750	\$1,418	\$2,000	\$9,016
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$3,269	\$33,575	\$4,154	\$35,475	\$4,318	\$33,700	\$114,491
Stipends and Awards							
Awards for Students	\$0	\$3,200	\$0	\$3,500	\$0	\$3,900	\$10,600
Awards for Teachers	\$1,600	\$1,600	\$1,750	\$1,750	\$1,950	\$1,950	\$10,600
AP Mentors/Consultants	\$0	\$3,900	\$0	\$2,275	\$0	\$2,600	\$8,775
AP Teacher Stipends	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$1,600	\$18,200	\$1,750	\$18,025	\$1,950	\$19,950	\$61,475
Student Study Sessions							
Student Study Sessions	\$0	\$40,484	\$0	\$32,756	\$0	\$25,050	\$98,289
Total Student Study Sessions	\$0	\$40,484	\$0	\$32,756	\$0	\$25,050	\$98,289
Exam Fees							
AP Exam Fees	\$10,050	\$6,700	\$11,271	\$7,514	\$12,573	\$8,382	\$56,491
PSAT Exams Fees	\$6,450	\$0	\$7,095	\$0	\$7,805	\$0	\$21,350
Total Exam Fees	\$16,500	\$6,700	\$18,366	\$7,514	\$20,378	\$8,382	\$77,840
Classroom Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$22,194	\$0	\$20,999	\$0	\$15,921	\$59,114
Total Program Management/Indirect Costs	\$0	\$32,194	\$0	\$28,999	\$0	\$23,421	\$84,614
Estimated Total Program Costs	\$21,369	\$146,153	\$24,270	\$132,769	\$26,646	\$120,503	\$471,709

Memorandum of Understanding

National Math and Science Initiative

OAKLEAF HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	Total
Teacher Training							
APSI Training	\$3,625	\$12,800	\$3,625	\$14,625	\$4,350	\$9,125	\$48,150
2-day Training	\$0	\$4,950	\$0	\$5,500	\$0	\$6,050	\$16,500
Mock Reading	\$1,818	\$2,250	\$2,018	\$2,500	\$2,226	\$2,750	\$13,562
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$5,443	\$40,000	\$5,643	\$42,625	\$6,576	\$37,925	\$138,212
Stipends and Awards							
Awards for Students	\$0	\$18,400	\$0	\$20,200	\$0	\$22,200	\$60,800
Awards for Teachers	\$8,500	\$9,900	\$9,000	\$11,200	\$9,500	\$12,700	\$60,800
AP Mentors/Consultants	\$0	\$5,850	\$0	\$3,250	\$0	\$3,575	\$12,675
AP Teacher Stipends	\$0	\$4,500	\$0	\$5,000	\$0	\$5,500	\$15,000
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$4,500	\$0	\$5,000	\$0	\$5,500	\$15,000
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$8,500	\$46,650	\$9,000	\$48,150	\$9,500	\$52,975	\$174,775
Student Study Sessions							
Student Study Sessions	\$0	\$57,866	\$0	\$47,500	\$0	\$33,332	\$138,697
Total Student Study Sessions	\$0	\$57,866	\$0	\$47,500	\$0	\$33,332	\$138,697
Exam Fees							
AP Exam Fees	\$19,972	\$13,315	\$22,148	\$14,765	\$24,497	\$16,332	\$111,028
PSAT Exams Fees	\$8,250	\$0	\$9,075	\$0	\$9,983	\$0	\$27,308
Total Exam Fees	\$28,222	\$13,315	\$31,223	\$14,765	\$34,480	\$16,332	\$138,336
Classroom Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$35,259	\$0	\$34,261	\$0	\$24,692	\$94,212
Total Program Management/Indirect Costs	\$0	\$45,259	\$0	\$42,261	\$0	\$32,192	\$119,712
Estimated Total Program Costs	\$42,165	\$218,089	\$45,866	\$205,301	\$50,556	\$182,755	\$744,732

Memorandum of Understanding

National Math and Science Initiative

ORANGE PARK HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	
Teacher Training							
APSI Training	\$2,175	\$8,775	\$2,900	\$9,875	\$2,900	\$7,300	\$33,925
2-day Training	\$0	\$3,300	\$0	\$3,850	\$0	\$4,400	\$11,550
Mock Reading	\$1,160	\$1,500	\$1,452	\$1,750	\$1,636	\$2,000	\$9,498
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$3,335	\$33,575	\$4,352	\$35,475	\$4,536	\$33,700	\$114,973
Stipends and Awards							
Awards for Students	\$0	\$16,500	\$0	\$18,200	\$0	\$20,000	\$54,700
Awards for Teachers	\$8,200	\$8,300	\$9,100	\$9,100	\$10,000	\$10,000	\$54,700
AP Mentors/Consultants	\$0	\$3,900	\$0	\$2,275	\$0	\$2,600	\$8,775
AP Teacher Stipends	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$8,200	\$38,200	\$9,100	\$40,075	\$10,000	\$44,100	\$149,675
Student Study Sessions							
Student Study Sessions	\$0	\$33,252	\$0	\$38,487	\$0	\$27,929	\$99,668
Total Student Study Sessions	\$0	\$33,252	\$0	\$38,487	\$0	\$27,929	\$99,668
Exam Fees							
AP Exam Fees	\$11,294	\$7,530	\$15,167	\$10,111	\$16,861	\$11,241	\$72,203
PSAT Exams Fees	\$6,000	\$0	\$6,600	\$0	\$7,260	\$0	\$19,860
Total Exam Fees	\$17,294	\$7,530	\$21,767	\$10,111	\$24,121	\$11,241	\$92,063
Classroom Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$25,647	\$0	\$27,776	\$0	\$20,823	\$74,246
Total Program Management/Indirect Costs	\$0	\$35,647	\$0	\$35,776	\$0	\$28,323	\$99,746
Estimated Total Program Costs	\$28,829	\$163,204	\$35,219	\$169,924	\$38,657	\$155,293	\$591,125

Memorandum of Understanding

National Math and Science Initiative

RIDGEVIEW HIGH SCHOOL	SY 16-17		SY 17-18		SY 18-19		All Years
	School	Funder	School	Funder	School	Funder	Total
Teacher Training							
APSI Training	\$2,175	\$8,775	\$2,175	\$10,600	\$2,900	\$7,300	\$33,925
2-day Training	\$0	\$3,300	\$0	\$3,850	\$0	\$4,400	\$11,550
Mock Reading	\$1,118	\$1,500	\$1,356	\$1,750	\$1,526	\$2,000	\$9,250
Laying The Foundation	\$0	\$20,000	\$0	\$20,000	\$0	\$20,000	\$60,000
Total Training	\$3,293	\$33,575	\$3,531	\$36,200	\$4,426	\$33,700	\$114,725
Stipends and Awards							
Awards for Students	\$0	\$15,900	\$0	\$17,500	\$0	\$19,300	\$52,700
Awards for Teachers	\$5,500	\$10,400	\$6,500	\$11,000	\$6,950	\$12,350	\$52,700
AP Mentors/Consultants	\$0	\$3,900	\$0	\$2,275	\$0	\$2,600	\$8,775
AP Teacher Stipends	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
AP Site Coordinator Stipends	\$0	\$1,500	\$0	\$1,500	\$0	\$1,500	\$4,500
AP Teachers Threshold Awards	\$0	\$3,000	\$0	\$3,500	\$0	\$4,000	\$10,500
Designated Administrator Stipends	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Designated Administrator Award	\$0	\$1,000	\$0	\$1,000	\$0	\$1,000	\$3,000
Total Stipends and Awards	\$5,500	\$39,700	\$6,500	\$41,275	\$6,950	\$45,750	\$145,675
Student Study Sessions							
Student Study Sessions	\$0	\$36,821	\$0	\$33,309	\$0	\$25,659	\$95,788
Total Student Study Sessions	\$0	\$36,821	\$0	\$33,309	\$0	\$25,659	\$95,788
Exam Fees							
AP Exam Fees	\$10,858	\$7,239	\$13,751	\$9,167	\$15,219	\$10,146	\$66,380
PSAT Exams Fees	\$6,000	\$0	\$6,600	\$0	\$7,260	\$0	\$19,860
Total Exam Fees	\$16,858	\$7,239	\$20,351	\$9,167	\$22,479	\$10,146	\$86,240
Classroom Supplies							
Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Total Classroom Supplies	\$0	\$15,000	\$0	\$10,000	\$0	\$10,000	\$35,000
Program Management/Indirect Costs							
Program Management	\$0	\$10,000	\$0	\$8,000	\$0	\$7,500	\$25,500
Indirect Costs	\$0	\$25,910	\$0	\$26,295	\$0	\$20,542	\$72,746
Total Program Management/Indirect Costs	\$0	\$35,910	\$0	\$34,295	\$0	\$28,042	\$98,246
Estimated Total Program Costs	\$25,651	\$168,244	\$30,382	\$164,246	\$33,855	\$153,296	\$575,674

DoD - Florida - Budget Assumptions	
Teacher Training	
APSI Training	Grant will assist up to budgeted amount for registration costs and travel to NMSI APSI.
2-day Training	Travel and registration funded by grant.
Mock Reading	School prints all AP MSE mock exams for student consumption; grant provides registration and travel for teachers.
Laying The Foundation	Travel and registration funded by grant according budgeted amount.
Stipends and Awards	
Awards for Students	Awards sent directly to students upon register and confirmation of QS amounts.
Awards for Teachers	Monetary awards for the grant portion will be issued to each teacher and sent to the school for distribution. School funds \$50 per QS up to \$3,000 using state-provided funds (Florida); Grant funds will ensure each AP MSE teacher will receive a total of \$100 per QS for students on their course roster and the full \$100 after the \$3000 state threshold. If the state alters this funding program, the grant will ensure the teachers receive the \$100 per QS for students on their course roster.
AP Mentors/Consultants	Funded and managed by grant.
AP Teacher Stipends	Stipends for attending NMSI-approved training events as directed in the MOU and teacher agreement will be issued directly to each teacher and sent to the school for distribution.
AP Site Coordinator Stipends	Stipends for completing duties as outlined in the MOU and SC agreement will be issued directly to that person and sent to the school for distribution.
AP Teachers Threshold Awards	Teachers who reach the NMSI goal per course will have the award included in the QS award for teachers.
Designated Administrator Stipends	Stipends for completing duties as outlined in the MOU and DA agreement will be issued directly to that person and sent to the school for distribution.
Designated Administrator Award	The DA stipend and awards will be paid directly to the DA upon completion of duties and confirmation of school's AP MSE QS .
Student Study Sessions	
Student Study Sessions	District/ School provides facilities and custodial support and coordinates student travel. Grant provides logistical support, materials and other supports as stated in the MOU.
Exam Fees	
AP Exam Fees	School will fund AP MSE exam fees use state funding initially. IF the number of exams exceed the state allowment the school may apply for a grant reimbursement up to the budgeted amount.
PSAT Exam Fees	School will provide and fund the PSAT, during the school week for all sophomores.
Classroom Supplies	
Classroom Supplies	The supply list will be sent to the school, selections approved by NMSI, funds up to budgeted amount issued to school, receipts submitted to 22 NMSI

**ATTACHMENT D
Timeline of Activities, Reports, and Payments**

After the MOU is signed	Activities
	Teacher and Staff, Community and Parent Program Awareness Events
	Media event announcing Program launch
	Program manager meeting to develop plan for enrollment increases, outline plan for year, set dates for training activities, review master schedule
	Teachers register into NMSI data system
	Teachers receive NMSI access codes and contact info
Approximate Dates	
May - August	AP MSE teacher online registration
	AP Summer Institute
	Laying the Foundation Teacher Training
	PSAT/PLAN order open
	Submission of AP course offerings and enrollment numbers
	Review of Instructional Planning Reports
	AP Classroom Supplies ordered
September- November	PSAT registration
	PSAT administration
	Designated Administrator, AP teachers & Site Coordinator receive Letters of Expectation and Support
	Submission of AP course rosters by school
	Teachers submit AP syllabus for College Board audit (October – preferred submission)
	Student study sessions begin
	AP 2-day workshops for teachers
December - January	PSAT results - use of AP Potential
	Student study sessions continue
	Teachers register for mock exam training
February- April	Student study sessions continue
	AP mock exam trainings for teachers begin
	Active student recruitment for AP MSE courses
	Teachers register for MSE AP Summer Institutes
	Teacher Roster verification
	College Board audit renewals open for submission
	AP Exam order open
May - July	AP exams administered
	AP Classroom Supplies ordered
	Payments of teacher stipends for attendance and participation
	Dates for program activities for upcoming school year set
	At this point, the cycle repeats throughout the Term of the MOU with the following additional activities:
August - October	Verification of attendance and AP scores for teacher payments
	Verification of AP scores for student payments
	Academic Celebrations held at the school

ATTACHMENT E

NMSI Boilerplate, Name and Logo Usage Guidelines

BOILERPLATE LANGUAGE

About NMSI: The National Math and Science Initiative is a nonprofit organization dedicated to transforming math and science education in today's classrooms with proven, effective programs that can be replicated nationwide.

About the College Readiness Program (CRP): A comprehensive program that is dramatically increasing the number of students succeeding in rigorous coursework in math, science and English, while expanding access to traditionally underrepresented students.

About the Laying the Foundation Program (LTF): Hands-on professional development that is empowering educators of grades 3-12 with the strategies and resources they need to raise academic rigor in any curriculum and prepare students to think critically and creatively at advanced levels.

NAME AND LOGO USAGE GUIDELINES

National Math and Science Initiative

After introducing National Math and Science in body text, further references can then be shortened to "NMSI". Never use the "&" symbol in our name.

DO NOT USE

- National Math and Science
- NMS
- National Math and Science Institute
- National Math & Science Initiative

Always refer to NMSI as a non-profit organization, not-for-profit organization, non-profit, or simply organization. Avoid referring to NMSI as a company or business.

NMSI's College Readiness Program

The name for our comprehensive three-year program.

After introducing NMSI's College Readiness Program in body text, further references can then be shortened to "NMSI's program," "the College Readiness Program," or "CRP."

DO NOT USE

- NMSI's AP Program

NMSI's Laying the Foundation Program

The name of our teacher training program for grades 3-12. NMSI's Laying the Foundation teacher training program is also acceptable.

After introducing NMSI's Laying the Foundation Program in body text, further references can then be shortened to "NMSI's LTF program," "the LTF program," or "LTF."

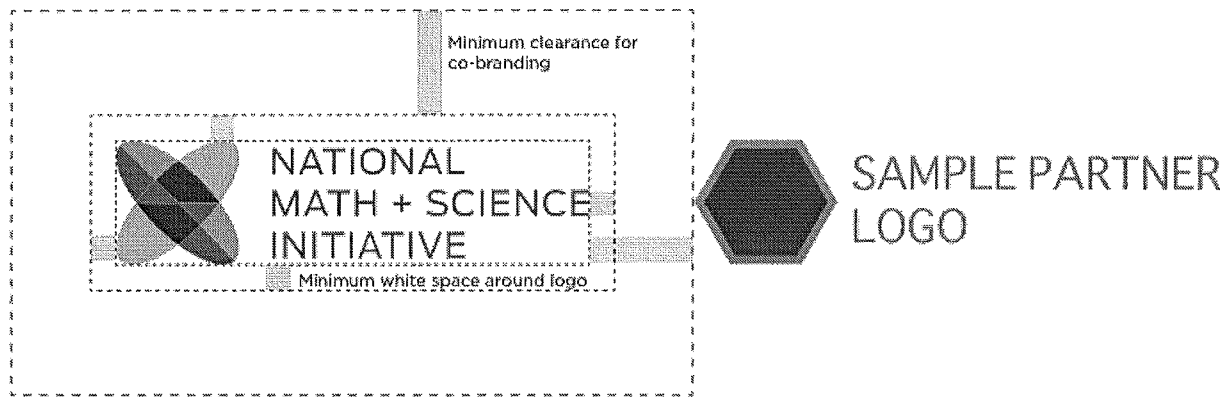
DO NOT USE

- "LTF" in titles or headings
- "Laying the Foundation" if not preceded by "NMSI's"

LOGO

Use the NMSI logo only in the exact form provided by NMSI, without alteration or modification. Do not incorporate the NMSI logo into any other logo or add any images or text to the logo.

Maintain clear space around the NMSI logo. The minimum clear space for the NMSI logo should be the height of the letter "N". If placing another logo next to the NMSI logo, the minimum clearance should be the width of the word "MATH" in the NMSI logo.



ATTACHMENT F

SAMPLE Teacher Letter of Expectations and Support

Name of Teacher

_____ High School

AP Course(s) Title

June 1, 20__ – May 31, 20__

Goals of the NMSI College Readiness Program

- Increase the number of students enrolled in math, science, English (MSE) AP® courses
- Increase the number of students receiving qualifying scores of three (3) or higher on AP MSE exams

Program Expectations for AP Teachers

- Register in NMSI database
- Confirm class rosters when requested
- Attend the four-day (4) NMSI AP Summer Institute (or equivalent, with NMSI approval)
- Attend the two-day (2) NMSI AP workshop
- Attend NMSI mock exam reading
- Attend and assist with three student study sessions and encourage all AP students to register and attend all sessions to benefit from the expertise of the presenter
- Conduct structured tutorials for AP MSE students for a minimum of four hours per month outside of normal class time
- Teach the AP curriculum as outlined in the College Board guidelines
- Respond to requests from the Designated Administrator as he/she carries out his/her responsibilities to NMSI including reporting your attendance at events and activities noted under the stipend section below
- Complete all NMSI evaluations

Stipend and Threshold Award for AP Teachers

Stipend of up to five hundred dollars (\$500) is available for completion of the following as evidenced by documented attendance and the submission of a training evaluation for each event:

- Eighty dollars (\$80) for attending a NMSI two-day (2) AP workshop (Stipend applied for Saturday attendance)
- One hundred eighty dollars (\$180) for attending the NMSI AP Summer Institute (Stipend applied for four (4) day attendance)
- Eighty dollars (\$80) for attending and assisting with each of the three (3) student study sessions (maximum of two hundred forty dollars (\$240))

AP MSE qualifying score awards include:

- One hundred dollars (\$100) for each student who appears on your roll and receives a score of three (3) or higher on the AP [course] exam taken in May 20__ (fifty dollars (\$50) provided by Florida Department of Education and fifty dollars (\$50) by NMSI funding). Should you exceed the maximum of three thousand dollars (\$3,000) paid by Florida Department of Education, NMSI will fund the full one hundred dollars (\$100) for each score beyond the three thousand dollar (\$3,000) maximum.

A threshold award may be earned as follows:

- If the total number of 20__ AP qualifying scores in AP [course] earned by students enrolled in this course meets a threshold of at least ____, then you will receive an additional one thousand dollars (\$1000).

Payment Process

Stipends are contingent upon attendance at training events and will be paid upon verification of documented attendance at the AP Summer Institute, two-day (2) workshop, mock exam reading, and student study sessions and the submission of a training evaluation for each event. Award payments are made upon verification of the 20__ AP MSE qualifying scores reported by College Board.

Signature

Date

ATTACHMENT G

SAMPLE Designated Administrator Letter of Expectations and Support

Name of Designated Administrator

_____ High School
June 1, 20__ – May 31, 20__

Goals of NMSI's College Readiness Program

- Increase the number of students enrolled in math, science, English (MSE) AP® courses.
- Increase the number of students receiving qualifying scores of three (3) or higher on AP MSE exams.

Expectations for Designated Administrator

- Support and encourage growth and success of the College Readiness Program (CRP) by promoting and obtaining annual increases in the number of students receiving qualifying scores of three (3) or higher on AP MSE exams.
- Provide the necessary environment and support needed for teachers and students in CRP to experience success.
- Report Program teacher attendance at CRP events to NMSI as noted in the Teacher Letter of Expectation and Support.
- Confirm stipend payment amounts based on attendance at NMSI events; confirm teacher awards based on verified College Board AP exam scores.
- Monitor all participating teachers to ensure CRP activities are being implemented.
- Work closely with School administration in making staff assignments that will enhance the Program.
- Ensure that student study sessions are on the school calendar and that the school's extra-curricular activities do not conflict with scheduled CRP activities.
- Work closely with the AP Coordinator in the ordering of all math, science, and English AP exams and collection of associated fees.
- Assist and monitor logistics to provide the best possible AP testing environment.
- Assist in student recruiting and parent outreach programs for Pre-AP® and AP MSE course enrollment.
- Represent the school and NMSI when called upon to discuss CRP with the community and/or media as outlined in Section 3.4 of the MOU.
- Be responsible for complying with all data requests made by NMSI.
- Return to NMSI all requested documentation

Stipend and Threshold Award for Designated Administrator

- Stipend for completing the expectations listed above of up to one thousand dollars (\$1,000).
- If the total number of AP qualifying scores in math, science and English earned by students at the school meets a threshold of at least _____ then you will receive a threshold award of one thousand dollars (\$1,000).

Payment Process

The Designated Administrator, identified by the signature below, will receive a stipend in the fall of 20__ for duties involved in meeting the expectations listed above. The threshold award will be paid to you upon verification of 20__ AP qualifying scores in math, science and English as reported by College Board.

Signature

Date

ATTACHMENT H

SAMPLE Site Coordinator Letter of Expectations and Support

Name of Site Coordinator

_____ High School

June 1, 20__ – May 31, 20__

Goals of the College Readiness Program

- Increase the number of students enrolled in math, science, English (MSE) AP® courses.
- Increase the number of students receiving qualifying scores of three (3) or higher on AP MSE exams.

Expectations for AP Site Coordinator

The grant supports nine (9) student study sessions (three (3) per subject) in AP math, science and English. Student study sessions are critical to student success on the AP exam. The Site Coordinator is responsible for the logistical needs and smooth operation of the student study sessions. The site coordinator will:

- Work closely with the Designated Administrator, AP teachers, and NMSI program managers in the planning and organization of the student study sessions.
- Encourage all AP MSE students to attend student study sessions through early and repeated notification and advertisement.
- Work closely with the teachers to make sure their students register for student study sessions at least three weeks prior to the date of each session through online registration.
- Attend all (including off site) student study sessions to assist with logistics and manage students from your campus.
- Submit student and teacher attendance by the Monday following the sessions to your NMSI program manager.
- Notify NMSI if materials and handouts do not arrive by Thursday prior to the student study session.
- Secure the student study session site facility. Ensure access to rooms and that the site facility has adequate heating, air conditioning, lighting, and equipment (i.e. desks, chairs).
- Provide presenters with requested projectors, technology, handouts, and any needed classroom supplies for that day.
- Ensure student study session site facility is secured and returned to its original condition when leaving.
- Coordinate bus transportation to and from school if required. (Reminder: Transportation is paid by the school or district).

Stipend for Site Coordinator

- The designated NMSI Site Coordinator, identified by the signature below, will receive a stipend in the fall of 20__ for duties involved in meeting the expectations listed above. The amount of the stipend is:
 - Up to five hundred dollars (\$500) for three student study sessions.
 - Up to one thousand dollars (\$1,000) for six student study sessions.
 - Up to one thousand five hundred dollars (\$1,500) for nine student study sessions.

Signature

Date