

Duval County Public Schools

# Marine Science Education Center



2019-20 Schoolwide Improvement Plan

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## Marine Science Education Center

1347 PALMER ST, Atlantic Beach, FL 32233

<http://www.duvalschools.org/msec>

### Demographics

**Principal: James Ledford**

Start Date for this Principal: 7/1/2016

<b>2019-20 Status</b> (per MSID File)	Active
<b>School Type and Grades Served</b> (per MSID File)	High School 9-12
<b>Primary Service Type</b> (per MSID File)	Alternative Education
<b>2018-19 Title I School</b>	No
<b>2018-19 Economically Disadvantaged (FRL) Rate</b> (as reported on Survey 3)	31%
<b>2018-19 ESSA Subgroups Represented</b> (subgroups with 10 or more students) (subgroups below the federal threshold are identified with an asterisk)	
<b>School Grades History</b>	2018-19: No Grade 2017-18: No Grade 2016-17: No Grade 2015-16: F (0%) 2014-15: No Grade
<b>2019-20 School Improvement (SI) Information*</b>	
<b>SI Region</b>	Northeast
<b>Regional Executive Director</b>	<a href="#">Cassandra Brusca</a>
<b>Turnaround Option/Cycle</b>	N/A
<b>Year</b>	
<b>Support Tier</b>	
<b>ESSA Status</b>	
* As defined under Rule 6A-1.099811, Florida Administrative Code. For more information, <a href="#">click here</a> .	

### School Board Approval

This plan was approved by the Duval County School Board on 10/1/2019.

## SIP Authority

Section 1001.42(18), Florida Statutes, requires district school boards to annually approve and require implementation of a Schoolwide Improvement Plan (SIP) for each school in the district that has a school grade of D or F. This plan is also a requirement for Targeted Support and Improvement (TS&I) and Comprehensive Support and Improvement (CS&I) schools pursuant to 1008.33 F.S. and the Every Student Succeeds Act (ESSA).

To be designated as TS&I, a school must have one or more ESSA subgroup(s) with a Federal Index below 41%. This plan shall be approved by the district. There are three ways a school can be designated as CS&I:

1. have a school grade of D or F
2. have a graduation rate of 67% or lower
3. have an overall Federal Index below 41%.

For these schools, the SIP shall be approved by the district as well as the Bureau of School Improvement.

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 a graduation rate 67% or less. Districts may opt to require a SIP using a template of its choosing for schools that do not fit the aforementioned conditions. This document was prepared by school and district leadership using the FDOE's school improvement planning web application located at [www.floridacims.org](http://www.floridacims.org).

## 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. 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.

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# Marine Science Education Center

1347 PALMER ST, Atlantic Beach, FL 32233

<http://www.duvalschools.org/msec>

## School Demographics

<p><b>School Type and Grades Served</b> (per MSID File)</p> <p style="text-align: center;">High School 9-12</p>	<p><b>2018-19 Title I School</b></p> <p style="text-align: center;">No</p>	<p><b>2018-19 Economically Disadvantaged (FRL) Rate</b> (as reported on Survey 3)</p> <p style="text-align: center;">%</p>
<p><b>Primary Service Type</b> (per MSID File)</p> <p style="text-align: center;">Alternative Education</p>	<p><b>Charter School</b></p> <p style="text-align: center;">No</p>	<p><b>2018-19 Minority Rate</b> (Reported as Non-white on Survey 2)</p> <p style="text-align: center;">%</p>

## School Grades History

<b>Year</b>	<b>2015-16</b>
<b>Grade</b>	F

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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 (see page 4). For schools receiving a grade of A, B, or C, the district may opt to require a SIP using a template of its choosing. This document was prepared by school and district leadership using the FDOE's school improvement planning web application located at <https://www.floridacims.org>.

## 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. 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: School Information

### School Mission and Vision

**Provide the school's mission statement.**

To provide educational excellence in every classroom, for every student, every day.

**Provide the school's vision statement.**

Every Student is inspired and prepared for success in high school, college or a career, and life.

### School Leadership Team

**Membership**

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

Name	Title	Job Duties and Responsibilities
Ledford, James Dean	Principal	Instructional Leader, Oversee all activities held on campus
Shoemaker, Nathan	Assistant Principal	Lesson Plans, Facilities, Industry Certifications

### Early Warning Systems

**Current Year**

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

Indicator	Grade Level												Total		
	K	1	2	3	4	5	6	7	8	9	10	11		12	
Number of students enrolled	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35
Attendance below 90 percent	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
One or more suspensions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Course failure in ELA or Math	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Level 1 on statewide assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**The number of students with two or more early warning indicators:**

Indicator	Grade Level												Total		
	K	1	2	3	4	5	6	7	8	9	10	11		12	
Students with two or more indicators	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**The number of students identified as retainees:**

Indicator	Grade Level												Total		
	K	1	2	3	4	5	6	7	8	9	10	11		12	
Retained Students: Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Students retained two or more times	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**FTE units allocated to school (total number of teacher units)**

4

**Date this data was collected or last updated**

Wednesday 8/28/2019

**Prior Year - As Reported**

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

Indicator	Grade Level	Total
Attendance below 90 percent		
One or more suspensions		
Course failure in ELA or Math		
Level 1 on statewide assessment		

**The number of students with two or more early warning indicators:**

Indicator	Grade Level	Total
Students with two or more indicators		

**Prior Year - Updated**

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

Indicator	Grade Level													Total	
	K	1	2	3	4	5	6	7	8	9	10	11	12		
Attendance below 90 percent	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24
One or more suspensions	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Course failure in ELA or Math	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
Level 1 on statewide assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24

**The number of students with two or more early warning indicators:**

Indicator	Grade Level													Total	
	K	1	2	3	4	5	6	7	8	9	10	11	12		
Students with two or more indicators	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33

**Part II: Needs Assessment/Analysis**

**School Data**

Please note that the district and state averages shown here represent the averages for similar school types (elementary, middle, high school, or combination schools).

School Grade Component	2019			2018		
	School	District	State	School	District	State
ELA Achievement	0%	47%	56%	0%	46%	53%
ELA Learning Gains	0%	48%	51%	0%	45%	49%
ELA Lowest 25th Percentile	0%	42%	42%	0%	39%	41%
Math Achievement	0%	51%	51%	0%	59%	49%

School Grade Component	2019			2018		
	School	District	State	School	District	State
Math Learning Gains	0%	52%	48%	0%	52%	44%
Math Lowest 25th Percentile	0%	47%	45%	0%	45%	39%
Science Achievement	0%	65%	68%	0%	64%	65%
Social Studies Achievement	0%	70%	73%	0%	64%	70%

EWS Indicators as Input Earlier in the Survey					
Indicator	Grade Level (prior year reported)				Total
	9	10	11	12	
Number of students enrolled	0 (0)	0 (0)	0 (0)	35 (0)	35 (0)
Attendance below 90 percent	0 ( )	0 ( )	0 ( )	11 ( )	11 (0)
One or more suspensions	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Course failure in ELA or Math	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Level 1 on statewide assessment	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

**Grade Level Data**

NOTE: This data is raw data and includes ALL students who tested at the school. This is not school grade data.

NOTE: An asterisk (\*) in any cell indicates the data has been suppressed due to fewer than 10 students tested, or all tested students scoring the same.

ELA						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison
09	2019					
	2018					
Cohort Comparison						
10	2019					
	2018					
Cohort Comparison		0%				

MATH						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison

SCIENCE						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison



<b>BIOLOGY EOC</b>					
<b>Year</b>	<b>School</b>	<b>District</b>	<b>School Minus District</b>	<b>State</b>	<b>School Minus State</b>
2019					
2018					
<b>CIVICS EOC</b>					
<b>Year</b>	<b>School</b>	<b>District</b>	<b>School Minus District</b>	<b>State</b>	<b>School Minus State</b>
2019					
2018					
<b>HISTORY EOC</b>					
<b>Year</b>	<b>School</b>	<b>District</b>	<b>School Minus District</b>	<b>State</b>	<b>School Minus State</b>
2019					
2018					
<b>ALGEBRA EOC</b>					
<b>Year</b>	<b>School</b>	<b>District</b>	<b>School Minus District</b>	<b>State</b>	<b>School Minus State</b>
2019					
2018					
<b>GEOMETRY EOC</b>					
<b>Year</b>	<b>School</b>	<b>District</b>	<b>School Minus District</b>	<b>State</b>	<b>School Minus State</b>
2019					
2018					

**Subgroup Data**

<b>2019 SCHOOL GRADE COMPONENTS BY SUBGROUPS</b>											
<b>Subgroups</b>	<b>ELA Ach.</b>	<b>ELA LG</b>	<b>ELA LG L25%</b>	<b>Math Ach.</b>	<b>Math LG</b>	<b>Math LG L25%</b>	<b>Sci Ach.</b>	<b>SS Ach.</b>	<b>MS Accel.</b>	<b>Grad Rate 2017-18</b>	<b>C &amp; C Accel 2017-18</b>
<b>2018 SCHOOL GRADE COMPONENTS BY SUBGROUPS</b>											
<b>Subgroups</b>	<b>ELA Ach.</b>	<b>ELA LG</b>	<b>ELA LG L25%</b>	<b>Math Ach.</b>	<b>Math LG</b>	<b>Math LG L25%</b>	<b>Sci Ach.</b>	<b>SS Ach.</b>	<b>MS Accel.</b>	<b>Grad Rate 2016-17</b>	<b>C &amp; C Accel 2016-17</b>
<b>2017 SCHOOL GRADE COMPONENTS BY SUBGROUPS</b>											
<b>Subgroups</b>	<b>ELA Ach.</b>	<b>ELA LG</b>	<b>ELA LG L25%</b>	<b>Math Ach.</b>	<b>Math LG</b>	<b>Math LG L25%</b>	<b>Sci Ach.</b>	<b>SS Ach.</b>	<b>MS Accel.</b>	<b>Grad Rate 2015-16</b>	<b>C &amp; C Accel 2015-16</b>

**ESSA Data**

This data has been updated for the 2018-19 school year as of 7/16/2019.

ESSA Federal Index	
ESSA Category (TS&I or CS&I)	
OVERALL Federal Index – All Students	
OVERALL Federal Index Below 41% All Students	N/A
Total Number of Subgroups Missing the Target	
Progress of English Language Learners in Achieving English Language Proficiency	
Total Points Earned for the Federal Index	
Total Components for the Federal Index	
Percent Tested	
Subgroup Data	

**Analysis**

**Data Reflection**

Answer the following reflection prompts after examining any/all relevant school data sources (see guide for examples for relevant data sources).

**Which data component showed the lowest performance? Explain the contributing factor(s) to last year’s low performance and discuss any trends.**

Students obtaining their Performance Based Diplomas. Students' incoming math and reading levels.

**Which data component showed the greatest decline from the prior year? Explain the factor(s) that contributed to this decline.**

Students obtaining their Performance Based Diplomas. Students' incoming math and reading levels.

**Which data component had the greatest gap when compared to the state average? Explain the factor(s) that contributed to this gap and any trends.**

NA

**Which data component showed the most improvement? What new actions did your school take in this area?**

Students obtaining their GED - Created individual plans for students.

**Reflecting on the EWS data from Part I (D), identify one or two potential areas of concern? (see Guidance tab for additional information)**

NA

**Rank your highest priorities (maximum of 5) for schoolwide improvement in the upcoming school year.**

1. Students earning Performance Based Diplomas
2. Students earning their GED
3. Students obtaining their Industry Certifications

- 4. Students enjoying their High School experience and becoming life long learners
- 5.

## Part III: Planning for Improvement

**Areas of Focus:**

<b>#1</b>	
<b>Title</b>	Students earning their Performance Based Diplomas
<b>Rationale</b>	The Performance Based Diplomas allows students the option of furthering their education.
<b>State the measurable outcome the school plans to achieve</b>	School's goal is to reach 100% of students earning their Performance Based Diploma
<b>Person responsible for monitoring outcome</b>	James Dean Ledford (ledfordj@duvalschools.org)
<b>Evidence-based Strategy</b>	Creating individual student plans that meets each student's needs.
<b>Rationale for Evidence-based Strategy</b>	Students that attend the Marine Science Center have varying needs at the time of enrollment. The individual plans allows the instructors to pin-point exactly what deficiencies the students' may have. Through those individual plans, progress monitoring assessments will be created and given throughout the year. These assessments will allow the instructors to ensure students are making progress.
<b>Action Step</b>	
<b>Description</b>	<ol style="list-style-type: none"> <li>1. Assess Students in Reading and Math</li> <li>2. Create Individual plans for each student</li> <li>3. Create Progress monitoring assessments</li> <li>4. Give the progress monitoring assessments throughout the year</li> <li>5. Make modifications to the individual plans as needed throughout the year</li> </ol>
<b>Person Responsible</b>	James Dean Ledford (ledfordj@duvalschools.org)

**Additional Schoolwide Improvement Priorities (optional)**

**After choosing your Area(s) of Focus, explain how you will address the remaining schoolwide improvement priorities (see the Guidance tab for more information).**

- Students earning their GED - The strategies listed for the top area of focus will apply to this area of focus as well.
- Students obtaining their Industry Certifications - Discuss the importance of the industry certifications with the students. Take the time to ensure students have a positive experience while learning in a hands-on environment.
- Students enjoying their High School experience and becoming life long learners - Most of the students

entering the Marine Science Center have negative connotations around their educational experience. With the vast amount of activities at the Marine Science Center we have the ability to enhance their experience and create a more positive experience.

## Part IV: Title I Requirements

### Additional Title I Requirements

This section must be completed if the school is implementing a Title I, Part A schoolwide program and opts to use the Schoolwide Improvement Plan to satisfy the requirements of the schoolwide program plan, as outlined in the Every Student Succeeds Act, Public Law No. 114-95, Â§ 1114(b). This section is not required for non-Title I schools.

**Describe how the school plans to build positive relationships with parents, families, and other community stakeholders to fulfill the school's mission and support the needs of students.**

None Title 1 School

#### PFEP Link

The school completes a Parental Involvement Plan (PFEP), which is available at the school site.

**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.**

None Title 1 School

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

None Title 1 School

**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.**

None Title 1 School

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

None Title 1 School

## Part V: Budget

**The approved budget does not reflect any amendments submitted for this project.**

1	III.A.	Areas of Focus: Students earning their Performance Based Diplomas				\$1,802.11
	Function	Object	Budget Focus	Funding Source	FTE	2019-20

	1000	510-Supplies	0321 - Marine Science Education Center	School Improvement Funds	35.0	\$1,802.11
					<b>Total:</b>	<b>\$1,802.11</b>