

Hillsborough County Public Schools

Hillsborough Academy Of Math And Science



2021-22 Schoolwide Improvement Plan

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Hillsborough Academy Of Math And Science

9659 W WATERS AVE, Tampa, FL 33635

hillsboroughacademy.com

Demographics

Principal: Brittany Deen

Start Date for this Principal: 4/30/2024

2019-20 Status (per MSID File)	Active
School Type and Grades Served (per MSID File)	Combination School KG-8
Primary Service Type (per MSID File)	K-12 General Education
2020-21 Title I School	No
2020-21 Economically Disadvantaged (FRL) Rate (as reported on Survey 3)	61%
2020-21 ESSA Subgroups Represented (subgroups with 10 or more students) (subgroups below the federal threshold are identified with an asterisk)	Students With Disabilities* English Language Learners Asian Students Black/African American Students Hispanic Students Multiracial Students White Students Economically Disadvantaged Students
School Grades History	2018-19: A (68%) 2017-18: B (56%) 2016-17: A (63%)
2019-20 School Improvement (SI) Information*	
SI Region	Central
Regional Executive Director	Lucinda Thompson
Turnaround Option/Cycle	N/A
Year	
Support Tier	
ESSA Status	

* As defined under Rule 6A-1.099811, Florida Administrative Code. For more information, [click here](#).

School Board Approval

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

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.

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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School Demographics

School Type and Grades Served (per MSID File)	2020-21 Title I School	2020-21 Economically Disadvantaged (FRL) Rate (as reported on Survey 3)
Combination School KG-8	No	50%
Primary Service Type (per MSID File)	Charter School	2018-19 Minority Rate (Reported as Non-white on Survey 2)
K-12 General Education	Yes	81%

School Grades History

Year	2020-21	2019-20	2018-19	2017-18
Grade		A	A	B

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<https://www.floridacims.org>.

Purpose and Outline of the SIP

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Part I: School Information

School Mission and Vision

Provide the school's mission statement.

Provide the school's vision statement.

School Leadership Team

Membership

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

Name	Position Title	Job Duties and Responsibilities
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Demographic Information

Principal start date

Pending, Brittany Deen

Number of teachers with a 2019 3-year aggregate or a 1-year Algebra state VAM rating of Highly Effective. *Note: For UniSIG Supplemental Teacher Allocation, teachers must have at least 10 student assessments.*

Number of teachers with a 2019 3-year aggregate or a 1-year Algebra state VAM rating of Effective. *Note: For UniSIG Supplemental Teacher Allocation, teachers must have at least 10 student assessments.*

Total number of teacher positions allocated to the school

Total number of students enrolled at the school

Identify the number of instructional staff who left the school during the 2020-21 school year.

Identify the number of instructional staff who joined the school during the 2021-22 school year.

Demographic Data

Early Warning Systems

2021-22

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

Indicator	Grade Level	Total
Number of students enrolled		
Attendance below 90 percent		
One or more suspensions		
Course failure in ELA		
Course failure in Math		
Level 1 on 2019 statewide FSA ELA assessment		
Level 1 on 2019 statewide FSA Math assessment		
Number of students with a substantial reading deficiency		

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

Indicator	Grade Level	Total
Students with two or more indicators		

The number of students identified as retainees:

Indicator	Grade Level	Total
Retained Students: Current Year		
Students retained two or more times		

Date this data was collected or last updated

Pending

2020-21 - As Reported
The number of students by grade level that exhibit each early warning indicator:

Indicator	Grade Level	Total
Number of students enrolled		
Attendance below 90 percent		
One or more suspensions		
Course failure in ELA		
Course failure in Math		
Level 1 on 2019 statewide ELA assessment		
Level 1 on 2019 statewide Math assessment		

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

Indicator	Grade Level	Total
Students with two or more indicators		

The number of students identified as retainees:

Indicator	Grade Level	Total
Retained Students: Current Year		
Students retained two or more times		

2020-21 - Updated**The number of students by grade level that exhibit each early warning indicator:**

Indicator	Grade Level	Total
Number of students enrolled		
Attendance below 90 percent		
One or more suspensions		
Course failure in ELA		
Course failure in Math		
Level 1 on 2019 statewide ELA assessment		
Level 1 on 2019 statewide Math assessment		

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

Indicator	Grade Level	Total
Students with two or more indicators		

The number of students identified as retainees:

Indicator	Grade Level	Total
Retained Students: Current Year		
Students retained two or more times		

Part II: Needs Assessment/Analysis**School Data Review**

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	2021			2019			2018		
	School	District	State	School	District	State	School	District	State
ELA Achievement				65%	57%	61%	55%	59%	60%
ELA Learning Gains				70%	56%	59%	53%	56%	57%
ELA Lowest 25th Percentile				65%	52%	54%	42%	49%	52%
Math Achievement				69%	55%	62%	63%	57%	61%
Math Learning Gains				73%	57%	59%	52%	53%	58%
Math Lowest 25th Percentile				54%	49%	52%	36%	47%	52%
Science Achievement				61%	50%	56%	50%	51%	57%
Social Studies Achievement				78%	77%	78%	80%	79%	77%

Grade Level Data Review - State Assessments

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

ELA						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison
03	2021					
	2019	58%	52%	6%	58%	0%
Cohort Comparison						
04	2021					
	2019	76%	55%	21%	58%	18%
Cohort Comparison		-58%				
05	2021					
	2019	54%	54%	0%	56%	-2%
Cohort Comparison		-76%				
06	2021					
	2019	72%	53%	19%	54%	18%
Cohort Comparison		-54%				
07	2021					
	2019	69%	54%	15%	52%	17%
Cohort Comparison		-72%				
08	2021					
	2019	69%	53%	16%	56%	13%
Cohort Comparison		-69%				

MATH						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison
03	2021					
	2019	60%	54%	6%	62%	-2%
Cohort Comparison						
04	2021					
	2019	67%	57%	10%	64%	3%
Cohort Comparison		-60%				
05	2021					
	2019	64%	54%	10%	60%	4%
Cohort Comparison		-67%				
06	2021					
	2019	52%	49%	3%	55%	-3%
Cohort Comparison		-64%				
07	2021					
	2019	74%	62%	12%	54%	20%
Cohort Comparison		-52%				
08	2021					
	2019	88%	31%	57%	46%	42%
Cohort Comparison		-74%				

SCIENCE						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison
05	2021					

SCIENCE						
Grade	Year	School	District	School-District Comparison	State	School-State Comparison
	2019	55%	51%	4%	53%	2%
Cohort Comparison						
08	2021					
	2019	79%	47%	32%	48%	31%
Cohort Comparison		-55%				

BIOLOGY EOC					
Year	School	District	School Minus District	State	School Minus State
2021					
2019					
CIVICS EOC					
Year	School	District	School Minus District	State	School Minus State
2021					
2019	79%	67%	12%	71%	8%
HISTORY EOC					
Year	School	District	School Minus District	State	School Minus State
2021					
2019					
ALGEBRA EOC					
Year	School	District	School Minus District	State	School Minus State
2021					
2019	100%	63%	37%	61%	39%
GEOMETRY EOC					
Year	School	District	School Minus District	State	School Minus State
2021					
2019	90%	57%	33%	57%	33%

Grade Level Data Review - Progress Monitoring Assessments

Provide the progress monitoring tool(s) by grade level used to compile the below data.

Grade 1				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			
Grade 2				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			

Grade 3				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Grade 4				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			

Grade 5				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Science	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Grade 6				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			

Grade 7				
English Language Arts	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Mathematics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			
Civics	Number/% Proficiency	Fall	Winter	Spring
	All Students Economically Disadvantaged Students With Disabilities English Language Learners			

Grade 8				
	Number/% Proficiency	Fall	Winter	Spring
English Language Arts	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			
	Number/% Proficiency	Fall	Winter	Spring
Mathematics	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			
	Number/% Proficiency	Fall	Winter	Spring
Science	All Students			
	Economically Disadvantaged Students With Disabilities English Language Learners			

Subgroup Data Review

2021 SCHOOL GRADE COMPONENTS BY SUBGROUPS											
Subgroups	ELA Ach.	ELA LG	ELA LG L25%	Math Ach.	Math LG	Math LG L25%	Sci Ach.	SS Ach.	MS Accel.	Grad Rate 2019-20	C & C Accel 2019-20
SWD	23	36	36	28	50	55	17				
ELL	40	58	56	38	41	52	28	45			
ASN	90	92		80	46						
BLK	50	47		22	29						
HSP	57	53	44	46	36	39	40	58	62		
MUL	81	55		76	64						
WHT	68	64	53	62	39	35	59	81	73		
FRL	53	50	38	41	30	36	39	55	63		
2019 SCHOOL GRADE COMPONENTS BY SUBGROUPS											
Subgroups	ELA Ach.	ELA LG	ELA LG L25%	Math Ach.	Math LG	Math LG L25%	Sci Ach.	SS Ach.	MS Accel.	Grad Rate 2017-18	C & C Accel 2017-18
SWD	41	60		38	52	45					
ELL	41	64	59	44	58	38	25				

2019 SCHOOL GRADE COMPONENTS BY SUBGROUPS											
Subgroups	ELA Ach.	ELA LG	ELA LG L25%	Math Ach.	Math LG	Math LG L25%	Sci Ach.	SS Ach.	MS Accel.	Grad Rate 2017-18	C & C Accel 2017-18
ASN	86	81		91	90		90				
BLK	53	53		53	73						
HSP	59	72	66	62	67	43	50	70	62		
MUL	78	50		78	78						
WHT	71	69	57	79	81	68	69	84	90		
FRL	59	68	62	61	66	46	53	73	70		
2018 SCHOOL GRADE COMPONENTS BY SUBGROUPS											
Subgroups	ELA Ach.	ELA LG	ELA LG L25%	Math Ach.	Math LG	Math LG L25%	Sci Ach.	SS Ach.	MS Accel.	Grad Rate 2016-17	C & C Accel 2016-17
SWD	38	35	36	38	44						
ELL	44	54	43	43	36	33	17				
ASN	80	59		88	55						
BLK	48	53		38	35						
HSP	46	45	35	53	46	35	38	73	67		
MUL	71	57		76	64						
WHT	65	63	65	77	59	38	67	92	80		
FRL	48	51	38	51	45	33	40	67	53		

ESSA Data Review

This data has been updated for the 2021-22 school year as of 10/19/2021.

ESSA Federal Index	
ESSA Category (TS&I or CS&I)	
OVERALL Federal Index – All Students	54
OVERALL Federal Index Below 41% All Students	NO
Total Number of Subgroups Missing the Target	2
Progress of English Language Learners in Achieving English Language Proficiency	59
Total Points Earned for the Federal Index	535
Total Components for the Federal Index	10
Percent Tested	99%
Subgroup Data	
Students With Disabilities	
Federal Index - Students With Disabilities	35
Students With Disabilities Subgroup Below 41% in the Current Year?	YES
Number of Consecutive Years Students With Disabilities Subgroup Below 32%	

English Language Learners	
Federal Index - English Language Learners	46
English Language Learners Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years English Language Learners Subgroup Below 32%	
Native American Students	
Federal Index - Native American Students	
Native American Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years Native American Students Subgroup Below 32%	
Asian Students	
Federal Index - Asian Students	77
Asian Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Asian Students Subgroup Below 32%	
Black/African American Students	
Federal Index - Black/African American Students	37
Black/African American Students Subgroup Below 41% in the Current Year?	YES
Number of Consecutive Years Black/African American Students Subgroup Below 32%	
Hispanic Students	
Federal Index - Hispanic Students	50
Hispanic Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Hispanic Students Subgroup Below 32%	
Multiracial Students	
Federal Index - Multiracial Students	69
Multiracial Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Multiracial Students Subgroup Below 32%	
Pacific Islander Students	
Federal Index - Pacific Islander Students	
Pacific Islander Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years Pacific Islander Students Subgroup Below 32%	
White Students	
Federal Index - White Students	59
White Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years White Students Subgroup Below 32%	

Economically Disadvantaged Students	
Federal Index - Economically Disadvantaged Students	46
Economically Disadvantaged Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Economically Disadvantaged Students Subgroup Below 32%	

Analysis

Data Analysis

Answer the following analysis questions using the progress monitoring data and state assessment data, if applicable.

What trends emerge across grade levels, subgroups and core content areas?

What data components, based off progress monitoring and 2019 state assessments, demonstrate the greatest need for improvement?

What were the contributing factors to this need for improvement? What new actions would need to be taken to address this need for improvement?

What data components, based off progress monitoring and 2019 state assessments, showed the most improvement?

What were the contributing factors to this improvement? What new actions did your school take in this area?

What strategies will need to be implemented in order to accelerate learning?

Based on the contributing factors and strategies identified to accelerate learning, describe the professional development opportunities that will be provided at the school to support teachers and leaders.

Provide a description of the additional services that will be implemented to ensure sustainability of improvement in the next year and beyond.

Part III: Planning for Improvement

Areas of Focus:

No activities were entered for this section.

Additional Schoolwide Improvement Priorities

Using the [SafeSchoolsforAlex.org](https://www.floridacims.org), compare the discipline data of the school to discipline data across the state and provide primary or secondary areas of concern that the school will monitor during the upcoming school year. Include how the school culture and environment will be monitored through the lens of behavior or discipline data.

Part IV: Positive Culture & Environment

A positive school culture and environment reflects: a supportive and fulfilling environment, learning conditions that meet the needs of all students, people who are sure of their roles and relationships in student learning, and a culture that values trust, respect and high expectations. Consulting with various stakeholder groups to employ school improvement strategies that impact the positive school culture and environment are critical. Stakeholder groups more proximal to the school include teachers, students, and families of students, volunteers, and school board members. Broad stakeholder groups include early childhood providers, community colleges and universities, social services, and business partners.

Stakeholders play a key role in school performance and addressing equity. Consulting various stakeholder groups is critical in formulating a statement of vision, mission, values, goals, and employing school improvement strategies.

Describe how the school addresses building a positive school culture and environment.

Identify the stakeholders and their role in promoting a positive culture and environment at the school.

Part V: Budget

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

Total:	\$0.00
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