Miami-Dade County Public Schools

Academir Charter School Of Math And Science



2022-23 Schoolwide Improvement Plan

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Academir Charter School Of Math And Science

13330 SW 288TH STREET, Homestead, FL 33030

www.academirpreparatoryacademy.com

Demographics

Principal: Antonio Cejas

Start Date for this Principal: 12/1/2021

2019-20 Status (per MSID File)	Active
School Type and Grades Served (per MSID File)	Elementary School KG-5
Primary Service Type (per MSID File)	K-12 General Education
2021-22 Title I School	Yes
2021-22 Economically Disadvantaged (FRL) Rate (as reported on Survey 3)	71%
2021-22 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 Hispanic Students Economically Disadvantaged Students
School Grades History	2021-22: B (58%) 2018-19: No Grade 2017-18: No Grade
2019-20 School Improvement (SI) Info	ormation*
SI Region	Southeast
Regional Executive Director	LaShawn Russ-Porterfield
Turnaround Option/Cycle	N/A
Year	
Support Tier	
ESSA Status	N/A
* As defined under Rule 6A-1.099811, Florida Administrative Code. Fo	or more information, <u>click here</u> .

School Board Approval

N/A

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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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Academir Charter School Of Math And Science

13330 SW 288TH STREET, Homestead, FL 33030

www.academirpreparatoryacademy.com

School Demographics

School Type and Grades Served (per MSID File)	2021-22 Title I School	2021-22 Economically Disadvantaged (FRL) Rate (as reported on Survey 3)
Elementary School KG-5	Yes	71%
Primary Service Type (per MSID File)	Charter School	2018-19 Minority Rate (Reported as Non-white on Survey 2)
K-12 General Education	Yes	98%
School Grades History		
Year	2021-22	2020-21

В

School Board Approval

Grade

N/A

SIP Authority

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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.

The mission of AcadeMir Charter Shool of Math and Science is to provide students with a well-rounded elementary education through a challenging program, focused on mathematics and science using innovative, reform-based instructional methods in a stimulating and nurturing environment that fosters maximum student achievement.

Provide the school's vision statement.

The vision for AcadeMir Charter School of Math and Science is to provide students with a challenging and rigorous curriculum enabling students to be well prepared for life through adherence to the mission, shared purpose, and clearly articulated goals.

School Leadership Team

Membership

For each member of the school leadership team, select the employee name and email address from the dropdown. Identify the position title and job duties/responsibilities.:

Name	Position Title	Job Duties and Responsibilities
Cejas, Antonio	Principal	Principal

Demographic Information

Principal start date

Wednesday 12/1/2021, Antonio Cejas

Number of teachers with a 2022 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 2022 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

24

Total number of students enrolled at the school

404

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

-

Identify the number of instructional staff who joined the school during the 2022-23 school year.

6

Demographic Data

Early Warning Systems

Using prior year's data, complete the table below with the number of students by current grade level that exhibit each early warning indicator listed:

Indicator	Grade Level													
indicator	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Number of students enrolled	78	75	80	62	48	61	0	0	0	0	0	0	0	404
Attendance below 90 percent	1	0	0	0	0	0	0	0	0	0	0	0	0	1
One or more suspensions	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in ELA	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in Math	0	0	0	0	0	0	0	0	0	0	0	0	0	
Level 1 on 2022 statewide FSA ELA assessment	0	0	0	3	2	2	0	0	0	0	0	0	0	7
Level 1 on 2022 statewide FSA Math assessment	0	0	0	40	2	4	0	0	0	0	0	0	0	46
Number of students with a substantial reading deficiency	0	0	0	0	0	0	0	0	0	0	0	0	0	

Using the table above, complete the table below with the number of students by current grade level who have two or more early warning indicators:

Indicator					(Grad	le L	_ev	el					Total
mulcator	K	1	2	3	4	5	6	7	8	9	10	11	12	TOtal
Students with two or more indicators	9	12	8	15	8	16	0	0	0	0	0	0	0	68

Using current year data, complete the table below with the number of students identified as being "retained.":

Indicator						Gr	ade	e Le	evel					Total
Indicator	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Retained Students: Current Year	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Students retained two or more times	0	0	0	0	0	0	0	0	0	0	0	0	0	

Date this data was collected or last updated

Friday 9/16/2022

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

Indicator	Grade Level													
mulcator	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Number of students enrolled	71	61	36	36	35	35	0	0	0	0	0	0	0	274
Attendance below 90 percent	1	1	1	0	0	0	0	0	0	0	0	0	0	3
One or more suspensions	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in ELA	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in Math	0	0	0	0	0	0	0	0	0	0	0	0	0	
Level 1 on 2019 statewide FSA ELA assessment	0	0	0	4	1	4	0	0	0	0	0	0	0	9
Level 1 on 2019 statewide FSA Math assessment	0	0	0	5	2	6	0	0	0	0	0	0	0	13
Number of students with a substantial reading deficiency	0	0	0	4	1	4	0	0	0	0	0	0	0	9

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

Indicator						Gra	de l	Lev	el					Total
Indicator	K	1	2	3	4	5	6	7	8	9	10	11	12	TOtal
Students with two or more indicators	1	14	6	7	3	13	0	0	0	0	0	0	0	44

The number of students identified as retainees:

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

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

Indicator	Grade Level													
indicator	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Number of students enrolled	71	61	36	36	35	35	0	0	0	0	0	0	0	274
Attendance below 90 percent	1	1	1	0	0	0	0	0	0	0	0	0	0	3
One or more suspensions	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in ELA	0	0	0	0	0	0	0	0	0	0	0	0	0	
Course failure in Math	0	0	0	0	0	0	0	0	0	0	0	0	0	
Level 1 on 2019 statewide FSA ELA assessment	0	0	0	4	1	4	0	0	0	0	0	0	0	9
Level 1 on 2019 statewide FSA Math assessment	0	0	0	5	2	6	0	0	0	0	0	0	0	13
Number of students with a substantial reading deficiency	0	0	0	4	1	4	0	0	0	0	0	0	0	9

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

Indicator						Gra	de l	Lev	el					Total
indicator	K	1	2	3	4	5	6	7	8	9	10	11	12	TOLAI
Students with two or more indicators	1	14	6	7	3	13	0	0	0	0	0	0	0	44

The number of students identified as retainees:

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

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		2022			2021			2019	
School Grade Component	School	District	State	School	District	State	School	District	State
ELA Achievement	43%	62%	56%					62%	57%
ELA Learning Gains	57%							62%	58%
ELA Lowest 25th Percentile	47%							58%	53%
Math Achievement	64%	58%	50%					69%	63%
Math Learning Gains	79%							66%	62%
Math Lowest 25th Percentile	69%							55%	51%
Science Achievement	50%	64%	59%					55%	53%

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
01	2022					
	2019					
Cohort Con	nparison					
02	2022					
	2019					
Cohort Con	nparison	0%				
03	2022					
	2019					
Cohort Con	nparison	0%				
04	2022					
	2019					
Cohort Con	nparison	0%				
05	2022					

			ELA			
Grade	Year	School	District	School- District Comparison	State	School- State Comparison
	2019					
Cohort Com	Cohort Comparison					

			MATH	1		
Grade	Year	School	District	School- District Comparison	State	School- State Comparison
01	2022					
	2019					
Cohort Con	nparison					
02	2022					
	2019					
Cohort Con	nparison	0%				
03	2022					
	2019					
Cohort Con	nparison	0%				
04	2022					
	2019					
Cohort Con	nparison	0%				
05	2022					
	2019					
Cohort Con	nparison	0%			•	

			SCIEN	CE		
Grade	Year	School	District	School- District Comparison	State	School- State Comparison
05	2022					
	2019					
Cohort Com	parison					

Subgroup Data Review

		2022	SCHOO	OL GRAD	E COMP	ONENT	S BY SU	JBGRO	UPS		
Subgroups	ELA Ach.	ELA LG	ELA LG L25%	Math Ach.	Math LG	Math LG L25%	Sci Ach.	SS Ach.	MS Accel.	Grad Rate 2020-21	C & C Accel 2020-21
SWD	11	42		28	75						
ELL	32	54	50	54	75	64	33				
HSP	41	56	43	61	79	67	48				
FRL	42	58	50	63	79	67	50				
		2021	SCHO	OL GRAD	E COMF	ONENT	S BY SU	JBGRO	UPS		
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	15			50							

		2021	SCHO	DL GRAD	E COMF	ONENT	S BY SU	JBGRO	UPS		
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
ELL	32	36		63	64		40				
HSP	41	44		67	63		33				
FRL	39	40		67	60		29				
		2019	SCHO	DL GRAD	E COMF	ONENT	S BY SU	JBGRO	UPS		
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

ESSA Data Review

This data has not been updated for the 2022-23 school year.

ESSA Federal Index	
ESSA Category (TS&I or CS&I)	N/A
OVERALL Federal Index – All Students	58
OVERALL Federal Index Below 41% All Students	NO
Total Number of Subgroups Missing the Target	0
Progress of English Language Learners in Achieving English Language Proficiency	55
Total Points Earned for the Federal Index	464
Total Components for the Federal Index	8
Percent Tested	99%

	rou		
		Jai	

43
NO
0

English Language Learners	
Federal Index - English Language Learners	52
English Language Learners Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years English Language Learners Subgroup Below 32%	0

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%	0

Asian Students	
Federal Index - Asian Students	
Asian Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years Asian Students Subgroup Below 32%	0
Black/African American Students	,
Federal Index - Black/African American Students	
Black/African American Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years Black/African American Students Subgroup Below 32%	0
Hispanic Students	
Federal Index - Hispanic Students	56
Hispanic Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Hispanic Students Subgroup Below 32%	0
Multiracial Students	
Federal Index - Multiracial Students	
Multiracial Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years Multiracial Students Subgroup Below 32%	0
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%	0
White Students	
Federal Index - White Students	
White Students Subgroup Below 41% in the Current Year?	N/A
Number of Consecutive Years White Students Subgroup Below 32%	0
Economically Disadvantaged Students	
Federal Index - Economically Disadvantaged Students	58
Economically Disadvantaged Students Subgroup Below 41% in the Current Year?	NO
Number of Consecutive Years Economically Disadvantaged Students Subgroup Below 32%	0

Part III: Planning for Improvement

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?

ELA data demonstrates our lowest percentage in proficiency (Specially Lowest 25% quartile)

What data components, based off progress monitoring and 2022 state assessments, demonstrate the greatest need for improvement?

Based on current published FLDOE Assessment Data ELA continues to be an area of concern. Math has improve d significantly.

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

Professional Development to address B.E.S.T Standards implementation and overall improvement of teacher instruction in ELA.

What data components, based off progress monitoring and 2022 state assessments, showed the most improvement?

math with an overall increase (12%) improvement in Math proficiency.

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

The hiring of experienced certified Math teachers. Weekly support of a math instructional coach. Weekly tutoring with a special focus in deficient standards. Implementation of IXL (Math)

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

Academic support to teacher (NAEP) Educational Consultants and partners with Academir Charter School. 4-5 hours per week of small group tutoring. Added Saturday academy for additional tutoring and academic support for students.

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.

PD's on Response to Intervention (RTI). Instructional coaching cycles for all classroom teachers and administration feedback on observations.

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

Teacher coaching and mentoring.

Areas of Focus

Identify the key Areas of Focus to address your school's highest priorities based on any/all relevant data sources.

#1. Instructional Practice specifically relating to B.E.S.T. Standards

Area of Focus Description and Rationale:

Include a rationale that explains how it was identified as a critical need from the data reviewed.

Weekly Reviews of students progress monitoring data

Measurable Outcome:

State the specific measurable outcome the school plans to achieve.

This should be a data based, objective outcome.

Monitoring:

Describe how this Area of Focus will be monitored for the desired outcome.

Person responsible for monitoring outcome:

[no one identified]

Evidence-based Strategy:

Describe the evidence-based strategy being implemented for this Area of Focus.

Rationale for Evidence-based Strategy:

Explain the rationale for selecting this specific strategy. Describe the resources/criteria used for selecting this strategy.

Action Steps to Implement

List the action steps that will be taken as part of this strategy to address the Area of Focus. Identify the person responsible for monitoring each step.

No action steps were entered for this area of focus

RAISE

The RAISE program established criteria for identifying schools for additional support. The criteria for the 2022-23 school year includes schools with students in grades Kindergarten through fifth, where 50 percent or more of its students, for any grade level, score below a level 3 on the most recent statewide English Language Arts (ELA) assessment.

Area of Focus Description and Rationale

Include a description of your Area of Focus (Instructional Practice specifically relating to Reading/ELA) for each grade below, how it affects student learning in literacy, and a rationale that explains how it was identified as a critical need from the data reviewed. Data that should be used to determine the critical need should include, at a minimum:

- The percentage of students below Level 3 on the 2022 statewide, standardized ELA assessment.
 Identification criteria must include each grade that has 50 percent or more students scoring below level 3 in grades 3-5 on the statewide, standardized ELA assessment.
- The percentage of students in kindergarten through grade 3, based on 2021-2022 end of year screening and progress monitoring data, who are not on track to score Level 3 or above on the statewide, standardized ELA assessment.
- Other forms of data that should be considered: formative, progress monitoring and diagnostic assessment data.

Grades K-2: Instructional Practice specifically relating to Reading/ELA

ELA proficiency goal will be 55% a 5% increase from 2021-2022. teachers, instructional coaches and administration will focus on Teachers must provide instruction in the 5 basic elements of reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension.

Grades 3-5: Instructional Practice specifically relating to Reading/ELA

ELA proficiency goal will be 55% a 5% increase from 2021-2022. teachers, instructional coaches and administration will focus on Teachers must provide instruction in the 5 basic elements of reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension.

Measurable Outcomes:

State the specific measurable outcome the school plans to achieve for each grade below. This should be a data based, objective outcome. Include prior year data and a measurable outcome for each of the following:

- Each grade K-3, using the new coordinated screening and progress monitoring system, where 50 percent or more of the students are not on track to pass the statewide ELA assessment.
- Each grade 3-5 where 50 percent or more of its students scored below a level 3 on the most recent statewide, standardized ELA assessment and
- Grade 6 measurable outcomes may be included, as applicable.

Grades K-2: Measureable Outcome(s)

55% proficiency

Grades 3-5: Measureable Outcome(s)

55% proficiency

Monitoring:

Describe how the school's Area(s) of Focus will be monitored for the desired outcomes. Include a description of how ongoing monitoring will take place with evaluating impact at the end of the year.

i-ready Progress monitoring; Weekly topic Assessments, intervention Data. On-going Data Chats

Person responsible for monitoring outcome:

Select the person responsible for monitoring this outcome.

Cejas, Antonio, acejas@dadeschools.net

Evidence-based Practices/Programs:

Describe the evidence-based practices/programs being implemented to achieve the measurable outcomes in each grade and describe how the identified practices/programs will be monitored. The term "evidence-based" means demonstrating a statistically significant effect on improving student outcomes or other relevant outcomes as provided in 20 U.S.C. §7801(21)(A)(i). Florida's definition limits evidence-based practices/programs to only those with strong, moderate or promising levels of evidence.

- Do the identified evidence-based practices/programs meet Florida's definition of evidence-based (strong, moderate or promising)?
- Do the evidence-based practices/programs align with the district's K-12 Comprehensive Evidencebased Reading Plan?
- Do the evidence-based practices/programs align to the B.E.S.T. ELA Standards?

i-ready progress monitoring, Achieve 3000, IXL Math, Lexia

Rationale for Evidence-based Practices/Programs:

Explain the rationale for selecting the specific practices/programs. Describe the resources/criteria used for selecting the practices/programs.

- Do the evidence-based practices/programs address the identified need?
- Do the identified practices/programs show proven record of effectiveness for the target population?

i-ready, IXL Math, Achieve 3000, Lexia

Action Steps to Implement:

List the action steps that will be taken to address the school's Area(s) of Focus. To address the area of focus, identify 2 to 3 action steps and explain in detail for each of the categories below:

- Literacy Leadership
- Literacy Coaching
- Assessment
- Professional Learning

Action Step

Person Responsible for Monitoring

Literacy Coaching

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 is critical in formulating a statement of vision, mission, values, goals, and employing school improvement strategies that impact the school culture and environment. 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.

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

School Wide Assemblies to promote healthy and safe school environment. Value of the Month. Students will be recognized and rewarded for positive behaviors.

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

School Principal
Mental Health Counselor
Student Government
Parent Representatives.