

**Brownsville Collegiate Charter
School**

**2022-23 ACCOUNTABILITY PLAN
PROGRESS REPORT**

Submitted to the SUNY Charter Schools Institute on:

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By Matt Scheiblin

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2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

Matt Scheiblin, Manager, Data Reporting and Analysis prepared this 2022-23 Accountability Progress Report on behalf of the charter school's board of trustees:

Trustee's Name	Board Position	
	Office (e.g. chair, treasurer, secretary)	Committees (e.g. finance, executive)
Linton Mann III	Chair	Executive, Academic
Brett Peiser		None
Chrystal Stokes Williams		Audit, Advocacy
Ekwutozia U. Nwabuzor	Secretary	Executive, Academic
John Greenstein		Finance, Advocacy
John Kim		Finance
Joseph F. Wayland	Treasurer	Executive, Finance
Shakima Jones	Parent	Advocacy, Finance, Academic
Tony Pasquariello	Vice Chair	Executive, Audit
Jabali Sawiki		Academic
Ann Mathews		Academic
Crystal McQueen-Taylor	Parent	Academic, Advocacy

Dare'ra Spragg has served as the Principal of the school since 2022.

Shahzad Makaremi has served as Director of Operations of the school since 2022.

SCHOOL OVERVIEW

Brownsville Collegiate Charter School is a rigorous, college prep public school whose mission is to prepare all students to enter and succeed in college through effort, achievement, and the content of their character. In pursuit of its mission, the school successfully completed its 14th year of operation in June 2023. Brownsville Collegiate Charter School serves students in grades 6-8.

Brownsville Collegiate Charter School design includes seven core components.

Focus on Literacy. Many of our students begin their school career reading substantially below grade level. If a school does not address this dramatic and central issue immediately, students will be at a huge disadvantage in all subjects in high school and college. The ultimate academic success of Brownsville Collegiate Charter School students, therefore, is tied to mastering this fundamental skill. In 2022-23, Brownsville Collegiate Charter School provided explicit instruction in literacy skills and inculcated the reading habit respective to grade span.

Grades 6-8

- Scholars have two and a half hours of daily reading instruction.
- Scholars are required to read reading level-appropriate books during the summer.
- There is required, graded, written work in every class.
- Scholars are required to carry an independent reading book, checked out from our library, to make better use of transition time in the hallways and other periods of downtime throughout the school day.
- STAR tested every student 3 times during the year to monitor progress and ensure that students were being challenged by independent reading books on their reading level

In the elementary and middle academies alike, K-8 families and scholars are expected to read together for 20 minutes each night as well.

Target Curriculum Focused on Basic Skills. Brownsville Collegiate Charter School does not use an off-the-shelf curriculum. Rather, Brownsville Collegiate Charter School uses curriculum developed by our Curriculum Assessment Team (CAT) and Lead Lesson Planners (LLP). Our CAT and LLP develop curriculum directly from the New York State Learning Standards that ensures students master a core set of basic academic skills before they can master higher-level, abstract material.

Our Curriculum Assessment Team (CAT) and Lead Lesson Planners (LLP) pay particularly close attention to the topics, sequence, and performance standards outlined in the New York State standards. This ensures that students are mastering the same material as their peers throughout New York State.

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At the same time, both teams adapt the subject topics and performance standards according to their professional expertise and from data-driven feedback from our teachers. CAT and our LLP create a comprehensive curriculum for their subject, saved on our network's shared drive, with a year-long scope and sequence, individual unit plans, daily lesson plans, and assessment materials. Brownsville Collegiate Charter School teachers will then save their lessons to our school's shared drive with any edits they have adapted for their classroom. Not only does this provide the school with a record of individual course instruction but this also serves as a valuable curricular planning resource for returning and future teachers.

Assess Early and Often to Drive the Instructional Program. The most effective schools use assessment to diagnose student needs, measure instructional impact, and build a culture of continuous reflection and improvement. Prior to the scheduled New York State Social Studies, Mathematics, English Language Arts, and Science exams, Brownsville Collegiate Charter School administered two internally aligned Interim Assessments (3 in ELA for all grades, as well as 3 in Math for all grades). These tests assessed ongoing student mastery of Math, Reading/Writing, Science and History skills and standards throughout the year and provided immediate data on individual student and class growth. These assessments were also administered during the COVID-19 closure, virtually. Brownsville Collegiate Charter School teachers, with the support of the Principal, used this data to identify standards mastered and standards in need of re-teaching so that lesson plans could be continuously adjusted. Brownsville Collegiate Charter School also utilized the information to target content and skills-driven tutoring and small-group instruction.

Our CAT team also began the use of weekly data collection through small assessments in both ELA and math. The data from these assessments was used by CAT and our LLPs to address gaps in content or skill that they could see trend across our schools.

Make More Time. In order to provide students with a comprehensive, college preparatory education, Brownsville Collegiate Charter School has an extended school day and school year. For most students, the regular school day began at 7:15 A.M. and ended at 4:00 P.M. Brownsville Collegiate Charter School provides its students with every possible opportunity to learn.

Brownsville Collegiate Charter School students extend their learning beyond the school day completing, on average, one-and-a-half to two hours of homework every night. Each student, beginning in kindergarten, takes home at least 20 minutes of homework, every evening – including weekends and holidays. Parents/guardians review and sign each evening's assignment upon completion. Families and scholars are expected to read together for 20 minutes each night as well.

Emphasis on College. For too many at-risk students, college only exists in the abstract. For Brownsville Collegiate Charter School students, freshman year of college will be a natural extension of their educational experience at Brownsville Collegiate Charter School.

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Brownsville Collegiate Charter School students began talking about college on the first day of school as their advisories are named after the alma maters of their teachers. Through informal conversations in advisory and in classes, students learned about the college application process, financial aid, dorm-life, selecting a major, and other important aspects of college survival.

Provide Structure and Order. Students need a safe and orderly environment to be productive. In 2022-23, Brownsville Collegiate Charter School created a calm, composed, and disciplined environment to maximize the amount of time on-task.

Insist on Family Involvement. Brownsville Collegiate Charter School's educational program is structured so that families must be involved in their child's academic pursuits. In 2022-23, Brownsville Collegiate Charter School families:

- had virtual report card conferences due to COVID-19 health and safety protocols;
- met with teachers and staff on multiple occasions to formally and informally discuss their child's academic and behavioral performance;
- maintained an open line of communication with their child's teachers through in-person meetings, weekly dashboards, semi-monthly progress reports, advisory calls and e-mails;
- were asked to offer input on the school on mid-year and year-end surveys, grading the school;
- were invited to multiple virtual social events with scholars, teachers and families focused on strengthening the involvement of parents in the school community

ENROLLMENT SUMMARY

School Enrollment by Grade Level and School Year

School Year	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
2020-21	N/A	N/A	N/A	N/A	N/A	16	50	63	71	N/A	N/A	N/A	N/A	263
2021-22	N/A	N/A	N/A	N/A	N/A	16	24	49	58	N/A	N/A	N/A	N/A	147
2022-23	N/A	N/A	N/A	N/A	N/A	N/A	23	21	49	N/A	N/A	N/A	N/A	92

GOAL 1: ENGLISH LANGUAGE ARTS

All students will become proficient in reading and writing of the English language.

BACKGROUND

Brownsville Collegiate Charter School's curriculum is developed with the goal of maximizing student academic achievement through intentional standards-driven teaching and the systematic use of objective performance data to continually inform decision making. To this end, Brownsville Collegiate

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Charter School created a scope and sequence for reading and writing and divided the year into units, each culminating in a formal assessment. The school continues to refine its scopes, sequences, and assessments in alignment with Common Core Learning Standards each school year based on student assessment data.

Brownsville Collegiate Charter School’s ELA program emphasizes both strong reading and strong writing. In reading, the program emphasizes four key aspects of literacy: decoding, fluency, vocabulary, and comprehension.

In the middle grades (5-8) rather than separating reading and writing, students have a 2-hour English class. This aligns more closely to the Common Core Learning Standards, whereby students’ written work must be based on a text they have read.

Every year the school provides teachers with an intensive training program whereby we instruct teaching, student behavior management techniques, and strategies to employ in the classrooms and throughout the school. We achieve and maintain complete consistency in messaging, expectations, and responses to student behavior and academic standards throughout the school. Additionally, all staff meet one day each week to review the past week’s progress and to finalize preparations for the coming week. Teachers are regularly observed teaching by the school leadership and receive constant feedback for improvement.

ELEMENTARY AND MIDDLE ELA

ELA Measure 1 - Absolute

Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State English language arts examination for grades 3-8.

The tables below summarize the participation information for this year’s test administration as well as the performance of all students and students enrolled for at least two years.

2022-23 State English Language Arts Exam
Number of Students Tested and Not Tested

Grade	Total Tested	Not Tested						Total Enrolled
		Absent	Refusal	ELL/IEP	Admin error	Medically excused	Other reason	
3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	20	1	1	0	0	0	0	22
7	20	0	0	0	0	0	3	23
8	41	1	0	0	0	0	21	63
All	81	2	1	0	0	0	24	108

Performance on 2022-23 State English Language Arts Exam

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By All Students and Students Enrolled in At Least Their Second Year¹

Grade	All Students			Enrolled in at least their Second Year		
	Number Tested	Number Proficient	Percent Proficient	Number Tested	Number Proficient	Percent Proficient
3	N/A	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A
6	20	6	30%	12	2	17%
7	20	8	40%	18	6	33%
8	41	13	32%	38	11	29%
All	81	27	33%	68	19	28%

ELA Measure 2 - Absolute

Each year, the school's aggregate Performance Index ("PI") on the State English language arts exam will meet that year's state Measure of Interim Progress ("MIP") set forth in the state's ESSA accountability system.

Schools are not required to report attainment of this measure for 2022-23. Subsequent to the completion of this document, the Institute may calculate and report out results to schools pending further information from the NYSED.

ELA Measure 3 - Comparative

Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state English language arts exam will be greater than that of all students in the same tested grades in the school district of comparison.

A school compares tested students enrolled in at least their second year to all tested students in the public school district of comparison. Comparisons are between the results for each grade in which the school had tested students in at least their second year at the school and the total result for all students at the corresponding grades in the school district.²

2022-23 State English Language Arts Exam Charter School and District Performance by Grade Level

Grade	Percent of Students at or Above Proficiency
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¹ Students are considered "enrolled in at least their second year" if they were enrolled on BEDS day of the school year prior to the most recent exam administration.

² Schools can access these data when the NYSED releases its database containing grade level ELA and mathematics results for all schools and districts statewide. The NYSED announces the releases of these data [here](#).

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	Charter School Students In At Least 2 nd Year		All District Students	
	Percent Proficient	Number Tested	Percent Proficient	Number Tested
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	17%	12	47%	51996
7	33%	18	51%	53472
8	29%	38	59%	53919
All	28%	68	51%	313083

ELA Measure 4 - Comparative

Each year, the school will exceed its predicted level of performance on the state English language arts exam by an effect size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.

The Institute conducts a Comparative Performance Analysis, which compares the school's performance to that of demographically similar public schools statewide. The Institute uses a regression analysis to control for the percentage of economically disadvantaged students among all public schools in New York State. The difference between the school's actual and predicted performance, relative to other schools with similar economically disadvantaged statistics, produces an Effect Size. An Effect Size of 0.3, or performing higher than expected to a meaningful degree, is the target for this measure. Given the timing of the state's release of economically disadvantaged data and the demands of the data analysis, the 2022-23 analysis is not yet available. This report contains 2021-22 results.³

2021-22 English Language Arts Comparative Performance by Grade Level

Grade	Percent Economically Disadvantaged	Percent of Students at Levels 3&4 ⁴		Effect Size
		Actual	Predicted	
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	80.0	15.0	28.3	-0.80
6	82.8	38.5	47.5	-0.54
7	83.6	15.4	38.6	-1.40

³ These data can be found in the school's Accountability Summary provided by the Institute in spring 2023.

⁴ Typically, the Institute uses schools' mean scale scores (when available) to calculate the comparative performance analysis. Due to the late availability of the 2021-22 mean scale scores, the Institute formally reported out the analysis using proficiency rates. The Institute will retroactively send schools the 2021-22 comparative performance analysis using mean scale scores in fall 2023.

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Grade	Percent Economically Disadvantaged	Percent of Students at Levels 3&4 ⁴		Effect Size
		Actual	Predicted	
8	83.6	35.2	41.8	-0.37
All	83.0	26.3	39.9	-0.81

ELA Measure 5 - Growth

Each year, under the state’s Growth Model, the school’s mean unadjusted growth percentile in English language arts for all tested students in grades 4-8 will be above the target of 50.

Given the timing of the state’s release of Growth Model data, the 2022-23 analysis is not yet available. As such, schools are not required to report on this measure for 2022-23. The Institute will calculate and report out results to schools pending availability of the data.

ELA INTERNAL EXAM RESULTS

During 2022-23, in addition to the New York State 3rd – 8th grade exams, the school primarily used the following assessment to measure student growth and achievement in ELA: **Internally developed**

Based on data from the Interim Assessments administered in 2022-2023, we are making progress towards our goals. We will continue to work towards a higher percentage of students meeting this metric for School Year 2023-2024. Students in Grades 3-4 took 2 interim assessments and students in grades 5-8 took 3 interim assessment during the 2022-2023 school year. All students, regardless if they were attending in-person hybrid or remote learning took these assessments. Those students who were remote only learning for the 2020-2021 school year, were administered these assessments remotely. The chart below represents the percentage of students who are advanced or proficient on their interim assessments. These numbers are consistent with those assessments that were completed during the 19-20 school year, where they attended more in-person learning.

		3	4	5	6	7	8
ELA	Assessment #1	N/A	N/A	N/A	55%	52%	50%
ELA	Assessment #2	N/A	N/A	N/A	68%	64%	57%
ELA	Assessment #3	N/A	N/A	N/A	65%	55%	58%

SUMMARY OF THE ELA GOAL

Type	Measure	Outcome
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Absolute	Each year, 75 percent of all tested students who are enrolled in at least their second year will perform at proficiency on the New York State English language arts exam for grades 3-8.	Did Not Achieve
Absolute	Each year, the school's aggregate PI on the state's English language arts exam will meet that year's state MIP as set forth in the state's ESSA accountability system.	N/A
Comparative	Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state English language arts exam will be greater than that of students in the same tested grades in the school district of comparison.	Did Not Achieve
Comparative	Each year, the school will exceed its predicted level of performance on the state English language arts exam by an effect size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.	Did Not Achieve
Growth	Each year, under the state's Growth Model the school's mean unadjusted growth percentile in English language arts for all tested students in grades 4-8 will be above the target of 50.	N/A

EVALUATION OF ELA GOAL

Middle School students of Brownsville Collegiate Charter School partially met none of the eligible ELA goals for school year 2022-2023.

Brownsville Collegiate Charter School is becoming Williamsburg Elementary School for the 2023-24 school year and will be serving grades K-4 in a new location.

ADDITIONAL CONTEXT AND EVIDENCE

ELA ACTION PLAN

Brownsville Collegiate Charter School is becoming Williamsburg Elementary School for the 2023-24 school year and will be serving grades K-4 in a new location.

GOAL 2: MATHEMATICS

Students will demonstrate competency in the understanding and application of mathematical computation and problem solving.

BACKGROUND

We believe our students should be able to compute numbers quickly and accurately, apply appropriate math procedures in single- and multi-step problems, and speak and write fluently and clearly about math problem solving and procedures, using accurate mathematical vocabulary. For this reason, our students take at least 90 minutes of math per day, during which students review concepts for procedural fluency, explore conceptual understanding of old and new content through guided instruction and partner work, and engage in rigorous problem solving requiring the application of skills

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and the extension of learned content. Basically, we double the time dedicated to math instruction each day to ensure that students can compute and problem solve.

ELEMENTARY AND MIDDLE MATHEMATICS

Math Measure 1 - Absolute

Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State Mathematics examination for grades 3-8.

The tables below summarize the participation information for this year's test administration as well as the performance of all students and students enrolled for at least two years.

2022-23 State Mathematics Exam
Number of Students Tested and Not Tested

Grade	Total Tested	Not Tested							Total Enrolled
		Absent	Refusal	ELL/IEP	Admin error	Medically excused	Other reason	Took Regents	
3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	21	1	0	0	0	0	0	0	22
7	20	0	0	0	0	0	3	0	23
8	41	1	0	0	0	0	21	0	63
All	82	2	0	0	0	0	24	0	108

Performance on 2022-23 State Mathematics Exam
By All Students and Students Enrolled in At Least Their Second Year

Grade	All Students			Enrolled in at least their Second Year		
	Number Tested	Number Proficient	Percent Proficient	Number Tested	Number Proficient	Percent Proficient
3	N/A	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A	N/A
6	21	8	38%	12	3	25%
7	20	10	50%	18	8	44%
8	41	16	39%	38	15	39%
All	82	34	41%	68	26	38%

Math Measure 2 - Absolute

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Each year, the school’s aggregate Performance Index (“PI”) on the state mathematics exam will meet that year’s state Measure of Interim Progress (“MIP”) set forth in the state’s ESSA accountability system.

Schools are not required to report attainment of this measure for 2022-23. Subsequent to the completion of this document, the Institute may calculate and report out results to schools pending further information from the NYSED.

Math Measure 3 - Comparative

Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state mathematics exam will be greater than that of all students in the same tested grades in the school district of comparison.

A school compares tested students enrolled in at least their second year to all tested students in the public school district of comparison. Comparisons are between the results for each grade in which the school had tested students in at least their second year at the school and the total result for all students at the corresponding grades in the school district.

2022-23 State Mathematics Exam
Charter School and District Performance by Grade Level

Grade	Percent of Students at or Above Proficiency			
	Charter School Students In At Least 2 nd Year		All District Students	
	Percent Proficient	Number Tested	Percent Proficient	Number Tested
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A
6	25%	12	45%	53519
7	44%	18	51%	54141
8	39%	38	42%	33692
All	38%	68	49%	301550

Math Measure 4 - Comparative

Each year, the school will exceed its predicted level of performance on the state mathematics exam by an effect size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.

The Institute conducts a Comparative Performance Analysis, which compares the school’s performance to that of demographically similar public schools statewide. The Institute uses a regression analysis to control for the percentage of economically disadvantaged students among all

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public schools in New York State. The difference between the school’s actual and predicted performance, relative to other schools with similar economically disadvantaged statistics, produces an Effect Size. An Effect Size of 0.3, or performing higher than expected to a meaningful degree, is the target for this measure. Given the timing of the state’s release of economically disadvantaged data and the demands of the data analysis, the 2022-23 analysis is not yet available. This report contains 2021-22 results.

2021-22 Mathematics Comparative Performance by Grade Level

Grade	Percent Economically Disadvantaged	Percent of Students at Levels 3&4		Effect Size
		Actual	Predicted	
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
5	80.0	10.0	25.4	-0.84
6	82.8	3.8	25.8	-1.14
7	83.6	8.3	21.7	-0.78
8	N/A	N/A	N/A	N/A
All	82.6	7.4	23.6	-0.89

Math Measure 5 - Growth

Each year, under the state’s Growth Model, the school’s mean unadjusted growth percentile in mathematics for all tested students in grades 4-8 will be above the target of 50.

Given the timing of the state’s release of Growth Model data, the 2022-23 analysis is not yet available. As such, schools are not required to report on this measure for 2022-23. The Institute will calculate and report out results to schools pending availability of the data.

MATHEMATICS INTERNAL EXAM RESULTS

During 2022-23, in addition to the New York State 3rd – 8th grade exams, the school primarily used the following assessment to measure student growth and achievement in mathematics: **Internally developed**

Brownsville Collegiate Charter School typically uses data from the following assessments to ensure student proficiency in Mathematics:

- Criterion-referenced New York State exams in Mathematics
- Internally developed Interim Assessments in Mathematics
- Internally developed Final Examination in Mathematics

During the 20-21 academic year Brownsville Collegiate Charter School was only able to use Internally developed Interim Assessments in Mathematics due to the COVID pandemic and shift to remote

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learning in mid-March of 2020, and shifted to optional hybrid learning in 20-21. Brownsville Collegiate Charter School administered 2 internally developed and aligned Interim Assessments to both Elementary School students and Middle School students. These assessments were created to reflect the school's scope and sequence in Math, and to mirror the style and scope of the New York State Math exams. The assessments focused primarily on the most recently covered standards, with a smaller focus on cumulative skills and standards covered in previous units.

After the tests were administered, teachers graded each exam and entered individual performance data into a shared template for detailed test analysis. With the individual student, whole class, and whole grade data, teachers analyzed the data and developed strategic plans to re-teach specific standards to individuals, small groups, and classes whether the students were in-person during hybrid learning or entirely remote.

During remote learning that continued through the beginning of January 2021, Brownsville Collegiate Charter School continued to have consistent Math instruction where scholars in Grades K-8 completed asynchronous learning by watching a video pre-recorded by one of our veteran Math teachers and completing a written task generating a work product at least 2 days per week. Teachers provided weekly feedback on submitted written assignments. Scholars also were able to attend optional live remote instruction. Live remote instruction was data driven based on trends from the previous week's lesson. Teachers determined the objective and tailored the lesson based on trends from the written assignments submitted.

		3	4	5	6	7	8
MATH	Assessment #1	N/A	N/A	N/A	40%	42%	46%
MATH	Assessment #2	N/A	N/A	N/A	42%	60%	45%
MATH	Assessment #3	N/A	N/A	N/A	56%	51%	40%

SUMMARY OF THE MATHEMATICS GOAL

Type	Measure	Outcome
Absolute	Each year, 75 percent of all tested students who are enrolled in at least their second year will perform at proficiency on the New York State Mathematics exam for grades 3-8.	Did Not Achieve
Absolute	Each year, the school's aggregate PI on the state's mathematics exam will meet that year's state MIP as set forth in the state's ESSA accountability system.	N/A
Comparative	Each year, the percent of all tested students who are enrolled in at least their second year and performing at proficiency on the state mathematics exam will be greater than that of students in the same tested grades in the school district of comparison.	Did Not Achieve

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Comparative	Each year, the school will exceed its predicted level of performance on the state mathematics exam by an effect size of 0.3 or above (performing higher than expected to a meaningful degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.	Did Not Achieve
Growth	Each year, under the state's Growth Model the school's mean unadjusted growth percentile in mathematics for all tested students in grades 4-8 will be above the target of 50.	N/A

EVALUATION OF THE MATHEMATICS GOAL

Elementary and Middle School students of Brownsville Collegiate Charter School partially met none of the eligible mathematics goals for school year 2022-2023.

Brownsville Collegiate Charter School is becoming Williamsburg Elementary School for the 2023-24 school year and will be serving grades K-4 in a new location.

ADDITIONAL CONTEXT AND EVIDENCE

MATHEMATICS ACTION PLAN

Brownsville Collegiate Charter School is becoming Williamsburg Elementary School for the 2023-24 school year and will be serving grades K-4 in a new location.

GOAL 3: SCIENCE

Students will demonstrate proficiency in the understanding and application of scientific principles.

BACKGROUND

The science curriculum at Brownsville Collegiate Charter School has been designed to provide a solid foundation for students in the essential understandings of elementary and middle science as outlined in the New York State standards.

Brownsville Collegiate Charter School continues to partner with Uncommon Schools to procure externally-developed, Common Core-aligned curriculum and assessments, which are based on the successful outcomes of the highest performing schools in the network.

Science instruction consistently reinforced both math and reading skills, and our science teachers frequently worked closely with both our Math and English Language Arts teachers to ensure that common approaches and language were used to reinforce cross-curricular content. For example, during the Scientific Method and Measurement unit, students worked with units of measurement, tools of measurement, and conversions between units of measure, reinforcing important math skills.

In terms of supporting literacy, professional development time is dedicated to determining how to best expose students to nonfiction texts during science class each week and how to encourage them to

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access and use scientific texts for their own learning and study. This exposure to nonfiction provided an important opportunity for students to practice and continue to develop their reading comprehension and vocabulary skills.

Brownsville Collegiate Charter School students continue to incorporate Science instruction into Reading and Math instruction which consists of students watching a video and completing a task 2 days a week and completing passage practice or problem-solving tasks 3 days a week. Teachers assigned Science based books through the EPIC! Website that aligned to the Science materials that were presented in the videos and packets.

ELEMENTARY AND MIDDLE SCIENCE

Science Measure 1 - Absolute

Each year, 75 percent of all tested students enrolled in at least their second year will perform at or above proficiency on the New York State science examination.

The school administered the New York State Testing Program science assessment to students in 4th and 8th grade in spring 2023. The table below summarizes the performance of students enrolled for at least two years.

Charter School Performance on 2022-23 State Science Exam By Students Enrolled in At Least Their Second Year

Per NYSED: In Spring 2023, there will not be an administration of the Grade 4 Science Test. This is to support the transition to the new Grade 5 Elementary-level Science Test measuring the new NYS P-12 Science Learning Standards, which commences in Spring 2024.

8th grade students take the Living Environment Regents exam in lieu of the state test.

Grade	Students in At Least Their 2 nd Year		
	Number Tested	Number Proficient	Percent Proficient
4			
8			
All			

Science Measure 2 - Comparative

Each year, the percent of all tested students enrolled in at least their second year and performing at proficiency on the state science exam will be greater than that of all students in the same tested grades in the school district of comparison.

The school compares tested students enrolled in at least their second year to all tested students in the public school district of comparison. Comparisons are between the results for each grade in which the

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school had tested students in at least their second year and the results for the respective grades in the school district of comparison.

2022-23 State Science Exam

Charter School and District Performance by Grade Level

Per NYSED: In Spring 2023, there will not be an administration of the Grade 4 Science Test. This is to support the transition to the new Grade 5 Elementary-level Science Test measuring the new NYS P-12 Science Learning Standards, which commences in Spring 2024.

8th grade students take the Living Environment Regents exam in lieu of the state test.

District level data was not available at the time of the creation of this report.

Grade	Charter School Students in at Least 2 nd Year			All District Students		
	Number Tested	Number Proficient	Percent Proficient	Number Tested	Number Proficient	Percent Proficient
4						
8						
All						

SUMMARY OF THE ELEMENTARY/MIDDLE SCIENCE GOAL

Neither Accountability Plan goal was applicable to Brownsville Collegiate Charter School for the 2022-23 school year.

Type	Measure	Outcome
Absolute	Each year, 75 percent of all tested students enrolled in at least their second year will perform at proficiency on the New York State examination.	N/A
Comparative	Each year, the percent of all tested students enrolled in at least their second year and performing at proficiency on the state exam will be greater than that of all students in the same tested grades in the school district of comparison.	N/A

EVALUATION OF THE SCIENCE GOAL

ADDITIONAL CONTEXT AND EVIDENCE

Performance on a Regents Science Exam Of 8th Grade All Students by Year

Grade	Year	Regents Exam	Number Tested	Number Passing	Percent Passing

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8	2018-19	Living Environment	61	41	67%
8	2021-22	Living Environment	51	17	33%
8	2022-23	Living Environment	41	15	37%

ACTION PLAN

In 2023-24, Brownsville Collegiate Charter School will continue to employ our internally created science programs and extensive hands-on experiments to move students towards competency in the understanding and application of Science.

Brownsville Collegiate Charter School remains strongly committed to ensuring that our scholars develop the core knowledge that will allow them to become critical thinkers in all areas and will support their development in reading comprehension. We are equally committed to meeting our Accountability Plan goals in Science.

GOAL 4: ESSA

ESSA Measure 1

Under the state's ESSA accountability system, the school is in good standing: the state has not identified the school for comprehensive or targeted improvement.

Because *all* students are expected to meet the state's performance standards, the federal statute stipulates that various sub-populations and demographic categories of students among all tested students must meet the state standard in and of themselves aside from the overall school results. As New York State, like all states, is required to establish a specific system for making these determinations for its public schools, charter schools do not have latitude in establishing their own performance levels or criteria of success for meeting the ESSA accountability requirements. Each year, the state issues School Report Cards that indicate a school's status under the state accountability system. More information on assigned accountability designations and context can be found [here](#).

Accountability Status by Year

Year	Status
2020-21	Good Standing
2021-22	Good Standing
2022-23	Good Standing

ADDITIONAL CONTEXT AND EVIDENCE

Brownsville Collegiate Charter School received a "Good Standing" status under ESSA. The school has diligently worked to meet each ESSA requirement and comply with all stated guidelines for testing and we will maintain this going forward.