



**Bronx Charter School for
Excellence 1**

**2022-23 ACCOUNTABILITY PLAN
PROGRESS REPORT**

Submitted to the SUNY Charter Schools Institute on:

November 3, 2023

By

Maria Saryan, Elementary School Principal

Ken Marsh, Middle School Principal

1960 Benedict Avenue, Bronx NY 10462

(718) 828-7301

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

Maria Saryan, Elementary Principal and Ken Marsh, Middle School Principal prepared this 2022-2023 Accountability Progress Report on behalf of the school's board of trustees:

Trustee's Name	Board Position	
	Office (e.g., chair, treasurer, secretary)	Committees (e.g., finance, executive)
Kathy Lathen	Board Chair	Executive, Finance, Discipline
Joyce Frost	Vice Chair	Executive, Finance, Discipline
Joseph Lewis	Treasurer	Executive, Finance, Discipline
Stacey Lauren	Trustee	Executive, Discipline

Maria Saryan has served as the Bronx Charter School for Excellence K-4 Elementary school leader since April 2017. Ken Marsh has served as the 5-8 Middle School leader since July 2022.

SCHOOL OVERVIEW

Bronx Charter School for Excellence 1 (Bronx Excellence 1, Bronx 1) opened in the fall of 2004 serving scholars in grades K & 1 in the Parkchester section of the Bronx. In keeping with its original charter, the school grew one grade each year until reaching Kindergarten through eighth grade. In 2012, Bronx Excellence 1 earned the distinction of being the first charter school in the Bronx to win a National Blue Ribbon award. The award-winning Bronx Excellence educational model provides a differentiated, project-based learning environment that seeks to develop high-level analytical and critical thinking skills in every scholar. During the 2022-2023 school year, Bronx 1 served 781 children in grades K-8.

The mission of Bronx Charter School for Excellence 1 is to prepare young people in New York City to compete for admission to and succeed in top public, private and parochial high schools by cultivating their intellectual, artistic, social, emotional, and ethical development. The school accomplishes this by offering a challenging and rigorous academic curriculum, which at the earliest of grades has an eye toward college preparation. Bronx Excellence 1 provides a supportive and caring environment that maintains high expectations for all students. The demographics of the population served by Bronx Excellence 1 are as follows:

Ethnicity	Percentage
American Indian or Alaskan Native	0
Asian	47.25%
Black/African American	24.07%
Hispanic/Latinx	28.30%
Multiple Ethnicities	0
Native Hawaiian or Other Pacific Islander	0.26%
White	0.13%

In addition, 80.79% of our students are eligible for free or reduced lunch.

During the 2022-23 school year, Bronx Excellence 1 resumed full in-person learning and implemented our approved educational model with fidelity. To mitigate the learning loss that occurred due to the pandemic, Bronx 1 relied on practices that have historically proven successful while also expanding our resources and scaffolding capacity. The faculty utilized a data-driven approach to discern each scholar’s needs and created individualized intervention plans for every child. Each plan informed instructional interventions facilitated through a combination of live small-group instruction in the classroom, one-to-one virtual tutoring, individualized support through virtual service providers, and summer programming for enrichment. This methodology expanded opportunities for learning with intervention strategies to meet a broader scope of needs.

ENROLLMENT SUMMARY

In the table below, provide the school’s BEDS Day enrollment for each school year.

School Enrollment by Grade Level and School Year										
School Year	K	1	2	3	4	5	6	7	8	Total
2020-21	90	93	87	86	90	90	89	91	83	799
2021-22	90	96	93	91	98	102	103	100	96	869
2022-23	88	88	89	84	86	90	86	82	88	781

GOAL 1: ENGLISH LANGUAGE ARTS

Goal 1: English Language Arts

Bronx Excellence 1 students will become proficient readers and writers of the English language.

BACKGROUND

During the 2022-23 academic year, Bronx Charter School for Excellence 1 implemented its high-quality, comprehensive English Language Arts (ELA) curriculum that is aligned to New York State’s Next Generation Learning Standards in grades K-8. The reading program provides students the foundation needed to become proficient readers, including skills and knowledge to understand how phonemes are connected to print; ability to decode words; ability to read fluently; background knowledge and vocabulary to foster comprehension; development of active strategies to construct meaning from print; and development and maintenance of a motivation to read. We chose this curriculum because it allows us to facilitate a literacy approach that incorporates multiple genres, has the flexibility to differentiate, and uses direct instruction to teach foundational skills prior to moving onto more complex content.

The elementary program is grounded in techniques that support explicit and systematic instruction and offers a platform for ongoing professional development for teachers in the critical elements of instruction for phonemic awareness, phonics, fluency, vocabulary, and comprehension strategies. This program is supplemented with guided reading and literature circles based on student learning needs. Students are regularly exposed to authentic texts and provided guided instruction at their frustration levels. Teachers use multiple levels of Bloom’s Taxonomy question stems to promote critical thinking. All instructional staff participate in workshops and ongoing modeling throughout the academic year to enhance their skills and optimize their use of curriculum resources.

The middle school program continues this work as scholars progress into departmentalized instruction. Ninety minutes are allocated for ELA each day, with a minimum of 50 minutes devoted to reading using a published program in concert with award-winning novels. The program provides a wide variety of

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

genres, word study/vocabulary enrichment, differentiated material, and connections to writing. In addition, each unit begins with essential questions that usher students from knowledge and understanding to synthesis and evaluation. Award-winning novels are directly tied to broader themes taught in other disciplines. Therefore, we can increase reading engagement, stamina, and the connections that allow scholars to make better meaning and sense of the world around them.

Bronx Excellence 1 utilizes the writing workshop model for scholars to experience processed and craft writing. Students improve writing fluency; learn to communicate effectively; develop knowledge of the English written language system, with an emphasis on syntax and discourse; understand the connections between reading and writing to develop writers; understand and can write across various fictional and non-fictional genres; and develop a love of writing, culminating in publishing parties where written work is celebrated.

The implementation of our reading program is effective because of the instructional strategy of uninterrupted, consistent, daily flexible reading groups that focus supports within smaller groups for struggling readers while offering enrichment activities for proficient and advanced student readers. Scholars receive small group instruction and interventions that cross grade-level classrooms. Teachers gather extensive assessment data to determine students’ learning levels and provide individualized support to target needs. Assessments include a combination of formal and informal measures such as daily checks and anecdotes; quarterly benchmarks tests; annual state assessments; and curriculum-based assessments administered at the conclusion of the six- to eight-day instructional cycle. All data is used to inform lesson planning, establish targeted small group mini lessons, monitor progress, and evaluate the efficacy of our programming. Moreover, it helps to drive differentiated professional development by strengthening areas of vulnerability and leveraging assets to optimize instruction.

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	85		1					86

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

4	85		1				86
5	86		1				87
6	88		1				89
7	85					1	86
8	83		4			1	88
All	512		8			2	522

Performance on 2022-23 State English Language Arts Exam 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	84	64	76.19%	70	52
4	85	70	82.35%	81	68	83.95%
5	87	66	75.86%	74	54	72.97%
6	88	64	72.73%	84	62	73.81%
7	83	66	79.52%	78	62	79.49%
8	83	69	83.13%	80	66	82.50%
All	510	399	78.24%	467	364	77.94%

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 results to schools pending further information from the NYSED.

ELA Measure 3 - Comparative

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.

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

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			
	Charter School Students In At Least 2 nd Year		All District Students	
	Percent	Number Tested	Percent	Number Tested
	Proficient		Proficient	
3	74.29%	52	34.68%	2059
4	83.95%	68	40.92%	2334
5	72.97%	54	39.21%	2318
6	73.81%	62	38.26%	2287
7	79.49%	62	44.92%	2502
8	82.50%	66	53.72%	2578
All	77.94%	364	42.35%	14078

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 the percentage of economically disadvantaged students among all public schools in New York

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](#).

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

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	84.8	74.7	34.7	2.04
4	81.2	72.3	31.1	2.33
5	81.3	65.6	27.7	2.27
6	90.2	70.9	44.7	1.56
7	80.2	68.9	39.8	1.57
8	79.3	80.7	43.1	2.00
All	82.8	72.1	36.9	1.96

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.

ELA Measure 6: Growth Measure

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.

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

At least 75% of scholars in grades 3-8 will achieve the normed rate of growth as demonstrated by mastery of 75% or more of grade level content from the beginning of the school year.

METHOD

The table below shows the proficiency rates of students at the end of the 2022-23 school year. Because it is assumed that students will grow at the normed rate to master grade level content by the conclusion of the school year, these figures demonstrate the percentage of students in grades 3-8 who mastered 75% or more of grade level content at the normed rate since the beginning of the school year.

Site	Grade	Count of Students	% Proficient
Bronx 1	3	87	91.95%
Bronx 1	4	86	93.02%
Bronx 1	5	88	81.82%
Bronx 1	6	89	77.53%
Bronx 1	7	84	91.67%
Bronx 1	8	88	100.00%
Bronx 1	All	522	89.27%

SUMMARY OF THE ELA GOAL

Bronx Charter School for Excellence 1 will continue to strive to meet its English Language Arts goal of students becoming proficient readers and writers of the English language for the 2023-2024 School year.

2022-23 English Language Arts Goal Summary

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 English language arts exam for grades 3-8.	Yes
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.	Yes
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)	Yes

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

	according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State.	
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
Growth	At least 75% of scholars in grades 3-8 will achieve the normed rate of growth as demonstrated by mastery of 75% or more of grade level content from the beginning of the school year.	Yes

EVALUATION OF ELA GOAL

Overall, Bronx Excellence 1 met the English language arts goal.

Measure 1 – Absolute: Seventy-eight percent of all students, and 78% of students in at least their second year, were proficient on the New York State English language arts exam. This measure was met in the aggregate for grades 3-8.

- Of the 84 students tested in Grade 3, 70 were enrolled in at least their second year. Of the 70 continuously enrolled 3rd graders, 74.29% performed at or above a level 3 on the New York State English Language Arts examination.
- Of the 85 students tested in Grade 4, 81 were enrolled in at least their second year. Of the 81 continuously enrolled 4th graders, 83.95% performed at or above a level 3 on the New York State English Language Arts examination.
- Of the 87 students tested in Grade 5, 74 were enrolled in at least their second year. Of the 74 continuously enrolled 5th graders, 72.97% performed at or above a level 3 on the NY State ELA exam.
- Of the 88 students tested in Grade 6, 84 were enrolled in at least their second year. Of the 84 continuously enrolled 6th graders, 73.81% performed at or above a level 3 on the New York State ELA exam.
- Of the 83 students tested in Grade 7, 78 were enrolled in at least their second year. Of the 78 continuously enrolled 7th graders, 79.49% performed at or above a level 3 on the New York State ELA exam.
- Of the 83 students tested in Grade 8, 80 were enrolled in at least their second year. Of the 80 continuously enrolled 8th graders, 82.5% performed at or above level 3 on the New York State ELA exam.

Measure 2 – Absolute: Schools are not required to report attainment of this measure for 2022-23.

Measure 3 – Comparative: Bronx Excellence 1 students in at least their second year outperformed the CSD average. The Bronx 1 proficiency rate for tested students in grades 3-8 in at least their second year was 77.94%, and the average for students in grades 3-8 in CSD 11 was 42.35%. The measure was met.

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

- In grade 3, Bronx 1 proficiency for students enrolled in at least their second year was 39.61 percentage points higher than the CSD average.
- In grade 4, Bronx 1 proficiency for students enrolled in at least their second year was 43.03 percentage points higher than the CSD average.
- In grade 5, Bronx 1 proficiency for students enrolled in at least their second year was 33.76 percentage points higher than the CSD average.
- In grade 6, Bronx 1 proficiency for students enrolled in at least their second year was 35.55 percentage points higher than the CSD average.
- In grade 7, Bronx 1 proficiency for students enrolled in at least their second year was 34.57 percentage points higher than the CSD average.
- In grade 8, Bronx 1 proficiency for students enrolled in at least their second year was 28.78 percentage points higher than the CSD average.

Measure 4 – Comparative: In 2021-22, the Bronx 1 overall effect size was 1.96, which exceeds the target. The data show students in each individual grade exceeded the effect size target as well.

Measure 5 – Growth: Schools are not required to report on this measure for 2022-23.

Measure 6 – Growth: Bronx 1 used internally developed assessments to determine 89.27% of scholars in grades 3-8 demonstrated mastery of grade level content. Because it is assumed that students will grow at the normed rate to master grade level content by the conclusion of the school year, this rate demonstrates the percentage of students in grades 3-8 who mastered 75% or more of grade level content at the normed rate since the beginning of the school year. This performance measure was met.

ELA ACTION PLAN

Bronx Excellence 1 will continue to educate our scholars with a lens towards the maintenance of equity. This ensures that all children have equitable access to high-quality instruction. Bronx Excellence 1 will continue to provide academic intervention for scholars who did not achieve their academic goals and will continue to implement resources and strategies that have historically proven successful for our scholars. Bronx Excellence 1 will remain vigilant of all learners' progress, including those with special educational needs and English Learners. All teachers received training designed to reinforce strategies to support English learners and students with disabilities.

We will continue to prioritize our professional development for all teachers with a strong focus on the Next Generation Standards. Topics include:

- Key Ideas and Details
- Craft & Structure
- Integration of Knowledge and Ideas
- Text Type & Purpose
- Research to Build and Present Knowledge

- Comprehension and Collaboration
- Presentation of Knowledge and Idea
- Convention of Academic English/Language for Learning
- Knowledge of Language
- Vocabulary Acquisition and Use

We will prioritize our professional development with more time devoted to addressing the needs of the struggling, proficient, and advanced readers. Since Bronx Charter School for Excellence 1 teaches reading through a daily cycle of whole group instruction to flexible reading groups within the entire grade, most of the improvement will take place during the flexible reading group sessions. Upper grade teachers will spend more time devoted to guided reading and literature circles, with a strong emphasis on building effective reading comprehension strategies and critical thinking techniques. Importantly, teachers will receive support from the leadership team, the principals, and additional support staff to identify students who require literacy intervention within the first few weeks of school.

GOAL 2: MATHEMATICS

Goal 2: Mathematics

Bronx Excellence 1 students will demonstrate steady progress in the understanding and application of mathematical skills.

BACKGROUND

Bronx Excellence 1 uses a math curriculum that was originally designed to address instructional shifts and support the implementation of the Common Core learning standards and is now updated for the Next Generation math standards. This program sequences mathematical progressions into modules. The curriculum aligns well with the school's approach to learning and provides a foundation of knowledge, skills, and competencies upon which to build as students advance in content and grade level. We selected this curricular approach because it allows students to engage with exciting, intriguing, and animated content that provides enhanced opportunities to explore, expand upon, and broaden the depth of mathematical discourse, real-world connections, reasoning, critical thinking, and problem solving. This includes computational, procedural, and conceptual knowledge that supports and builds success in mathematics with authentic problem solving. The program centers on teaching with a concrete-pictorial-abstract learning progression through real-world, hands-on experiences. It encourages students to use various mental strategies to solve problems and to focus on the process of finding solutions. It builds conceptual understanding rather than rote memorization, with an emphasis on critical thinking and problem solving and focuses on deep knowledge building to understand mathematics conceptually.

Our math program also uses key concepts as building blocks for more complex treatments in articulated, logical, modular progressions using a narrative approach to build coherence. Students are encouraged

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

to use math talk to build mathematical vocabulary to discuss concepts in context. Scholars are expected to learn content and processes of mathematics to become lifelong mathematical thinkers. Middle school students continue to work with the standards-aligned, coherent, and focused curriculum that reflects the logical and sequential nature of mathematics. The curriculum simultaneously develops conceptual understanding, computational fluency, and problem-solving skills within real-world context. Our program is research-based and provides robust professional development for teachers, inclusive of teacher-led instructional videos and tools to target instruction based on student need.

Math is taught daily for a minimum of 60 minutes in elementary school and 90 minutes in middle school. During the class, content is introduced to the whole group. The teacher uses real-time data collected throughout the lesson, such as checks for understanding or questioning methods, along with unit quizzes and tests, and informal performance assessments. Additional assessments include formal and informal measures such as exit tickets, performance tasks, interim and state exams, and unit quizzes and tests. Data garnered from these measures is used to formulate small group interventions, assess curriculum efficacy, inform lesson planning, and guide professional development. Based on classroom data, teachers provide scaffolded small groups and individualized targeted instruction as students practice work independently. This way, interventions are provided in real time, particularly for scholars who are not immediately mastering content. Our program also allows differentiation with advanced sections and groups created to enrich the math experience for accelerated scholars. While scholars are expected to master both content and mathematical processes appropriate for their age and grade, our goal is to support scholars so they can complete Algebra by the end of eighth grade.

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	85		1						86
4	85		1						86
5	83	1	1				2		87

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

6	85	3	1					89
7	84		1				1	86
8	82		6					88
All	504	4	11				3	522

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	84	74	88.10%	70	60	85.71%
4	85	75	88.24%	81	72	88.89%
5	84	76	90.48%	71	64	90.14%
6	84	76	90.48%	81	74	91.36%
7	83	74	89.16%	78	69	88.46%
8	82	52	63.41%	79	50	63.29%
All	502	427	85.06%	460	389	84.57%

Math Measure 2 - Absolute

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 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

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

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	Number Tested	Percent	Number Tested
	Proficient		Proficient	
3	85.71%	70	42.76%	2128
4	88.89%	81	40.79%	2405
5	90.14%	71	38.84%	2353
6	91.36%	81	35.27%	2305
7	88.46%	78	44.45%	2497
8	63.29%	79	38.70%	1434
All	84.57%	460	40.26%	13122

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 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.

2021-22 Mathematics Comparative Performance by Grade Level

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

Grade	Percent Economically Disadvantaged	Percent of Students at Levels 3&4		Effect Size
		Actual	Predicted	
3	84.8	75.9	34.8	1.89
4	81.2	73.5	29.7	2.16
5	81.3	65.6	24.8	2.20
6	90.2	61.9	21.9	2.30
7	80.2	56.8	23.3	1.75
8	79.3	78.2	18.0	3.12
All	82.8	68.6	25.4	2.24

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 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.

Math Measure 6: Growth: At least 75% of students in grades 3-8 will achieve the normed rate of growth as demonstrated by mastery of 75% or more of grade level content since the beginning of the school year.

METHOD

The table below shows the proficiency rates of students at the end of the 2022-23 school year. Because it is assumed that students will grow at the normed rate to master grade level content by the conclusion of the school year, these figures demonstrate the percentage of students in grades 3-8 who mastered 75% or more of grade level content at the normed rate since the beginning of the school year.

RESULTS AND EVALUATION

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

Site	Grade	Count of Students	% Proficient
Bronx 1	3	87	89%
Bronx 1	4	86	90%
Bronx 1	5	88	81%
Bronx 1	6	89	98%
Bronx 1	7	84	81%
Bronx 1	8	88	66%
Bronx 1	All	522	84%

SUMMARY OF THE MATHEMATICS GOAL

Bronx Charter School for Excellence 1 will continue to strive to meet its mathematics goal of students becoming proficient in math for the 2023-2024 school year.

2022-23 Mathematics Goal Summary

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.	Yes
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 percentage 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.	Yes
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.	Yes
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
Growth	At least 75% of students in grades 3-8 will achieve the normed rate of growth as demonstrated by mastery of 75% or more of grade level content since the beginning of the school year.	Yes

EVALUATION OF THE MATHEMATICS GOAL

Overall, Bronx 1 met the math goal.

Measure 1 – Absolute: Eighty-five percent of all students, and 84.57% of students in at least their second year, were proficient on the New York State mathematics exam. This measure was met in the aggregate for grades 3-8.

- Of the 84 students tested in Grade 3, 70 were enrolled in at least their second year. Of the 70 continuously enrolled 3rd graders, 85.71% performed at or above a level 3 on the New York State math examination.
- Of the 85 students tested in Grade 4, 81 were enrolled in at least their second year. Of the 81 continuously enrolled 4th graders, 88.89% performed at or above a level 3 on the New York State math examination.
- Of the 84 students tested in Grade 5, 71 were enrolled in at least their second year. Of the 71 continuously enrolled 5th graders, 90.14% performed at or above a level 3 on the NY State math exam.
- Of the 84 students tested in Grade 6, 81 were enrolled in at least their second year. Of the 81 continuously enrolled 6th graders, 91.36% performed at or above a level 3 on the New York State math exam.
- Of the 83 students tested in Grade 7, 78 were enrolled in at least their second year. Of the 78 continuously enrolled 7th graders, 88.46% performed at or above a level 3 on the New York State math exam.
- Of the 82 students tested in Grade 8, 79 were enrolled in at least their second year. Of the 80 continuously enrolled 8th graders, 63.29% performed at or above level 3 on the New York State math exam.

Measure 2 – Absolute: Schools are not required to report attainment of this measure for 2022-23.

Measure 3 - Comparative: Bronx Excellence 1 students in at least their second year outperformed the CSD average. The Bronx 1 average proficiency rate for tested students in grades 3-8 in at least their second year was 84.57%, and the average for students in grades 3-8 in CSD 11 was 40.26%. The measure was met.

- In grade 3, Bronx 1 proficiency for students enrolled in at least their second year was 42.95 percentage points higher than the CSD average.
- In grade 4, Bronx 1 proficiency for students enrolled in at least their second year was 48.10 percentage points higher than the CSD average.
- In grade 5, Bronx 1 proficiency for students enrolled in at least their second year was 51.30 percentage points higher than the CSD average.
- In grade 6, Bronx 1 proficiency for students enrolled in at least their second year was 56.09 percentage points higher than the CSD average.

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

- In grade 7, Bronx 1 proficiency for students enrolled in at least their second year was 44.01 percentage points higher than the CSD average.
- In grade 8, Bronx 1 proficiency for students enrolled in at least their second year was 24.59 percentage points higher than the CSD average.

Measure 4 – Comparative: In 2021-22, the Bronx 1 overall effect size was 2.24, which exceeds the target. The data show students in each individual grade exceeded the effect size target as well. This measure was met.

Measure 5 – Growth: Schools are not required to report on this measure for 2022-23.

Measure 6 – Growth: Bronx 1 used internally developed assessments to determine 84% of scholars in grades 3-8 demonstrated mastery of grade level content. Because it is assumed that students will grow at the normed rate to master grade level content by the conclusion of the school year, this rate demonstrates the percentage of students in grades 3-8 who mastered 75% or more of grade level content at the normed rate since the beginning of the school year. This performance measure was met.

MATHEMATICS ACTION PLAN

Bronx Excellence 1 will continue to educate our scholars with the goal of equity in mind. This ensures that all children have equitable access to high-quality instruction. Bronx Excellence 1 will continue to provide academic intervention for scholars who did not achieve their academic goals and will continue to implement resources and strategies that have historically proven successful for our scholars.

To assess students' instructional needs at the start of the 2023-2024 school year, Bronx Excellence 1 dedicated the first few weeks of school to administering benchmark assessments to gauge where students are in their development. Using this and other data collected throughout the year, the school will provide intensive, data-driven differentiation to target individualized needs. Bronx Excellence will continue to provide equitable access to our high-quality instructional program to all students and remain vigilant of all learners' progress, including those with special educational needs and English learners. All teachers received training designed to reinforce strategies to support English learners and students with disabilities.

We will continue to prioritize our professional development for all teachers with a strong focus on the Next Generation Standards. Topics include:

- Perseverance in Problem Solving
- Abstract & Quantitative Reasoning
- Critiquing and Constructing Viable Arguments
- Mathematic Models
- Appropriate Strategies & Tools
- Precision

- The use and search for Mathematical Structures
- Express and search for Regularity in repeated reasoning.

Teachers will receive support from the leadership team, the principal, and additional support staff to identify students who require intervention in the areas of mathematical concepts within the first few weeks of school.

GOAL 3: SCIENCE

Goal 3: Science

Students will demonstrate proficiency relevant to science achievement and use technology, scientific concepts, principles, and theories to conduct and analyze investigations.

BACKGROUND

The science curriculum is based on the New York State P-12 Science Learning Standards (NYSP-12SLS) and focuses on three dimensions of learning – Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts. Under the guidance of the standards, the science program takes an inquiry-based approach to learning. It provides students with opportunities to build connections that link science to technology and societal impacts and provides the skills and knowledge our students need to become scientifically literate citizens of the 21st century. This approach aligns with our commitment to inspire conscientious, inquisitive, knowledgeable, and lifelong scholars. Students practice solving problems creatively, thinking critically, working cooperatively in teams, using technology effectively, and developing positive science attitudes.

Science instruction at Bronx Excellence 1 is differentiated for all learning styles and incorporates several methods of instructional delivery and assessment. Instruction emphasizes active, hands-on explorations in the early grades that help students build their understanding of key concepts. It invites students to develop and explain concepts in their own words orally, through writing, and drawing. Students are provided with options and projects that allow them to demonstrate mastery of content. Young learners are encouraged to actively explore, discover, and learn about the natural world.

The middle school science program is also governed by the NYSP-12SLS. Key ideas and performance indicators are used to prepare our students to further develop and cultivate science abilities and understanding. Guided by teachers, students continually learn content to complete hands-on scientific investigations, blended with literacy-rich activities and interactive digital tools. They learn to develop hypotheses and provide reasoning using evidence. With practice, trial, and error, students in grades 5-8 demonstrate their understanding of scientific processes, skills, and procedures. Bronx 1 scholars also learned about cultivating a hydroponic lab and eighth graders may take an advanced high school course of living environment and participate in Urban Advantage, an initiative designed to advance scientific learning in New York City. Varied opportunities allow students to demonstrate appropriate scientific

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

language, procedures, and proficiency, culminating in the state examinations. Assessments include classroom assignments, discourse, experiments, quizzes and tests, and presentations. Data is used to inform instruction, evaluate program efficacy, and differentiate professional development.

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 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

Grade	Students in At Least Their 2 nd Year		
	Number Tested	Number Proficient	Percent Proficient
8	51	25	49.02%
All	51	25	49.02%

Notably, Bronx 1 provides 8th grade students the opportunity to take a Regents course in science. In spring 2023, 30 students passed the Living Environment Regents exam, which was a 97% pass rate. When the results from these two assessment analyses are combined, 67% passed their respective science exams.

Science Measure 2 - Comparative

Each year, the percentage 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 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

2022-23 ACCOUNTABILITY PLAN PROGRESS 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
8	51	25	49.02%	N/A	N/A	N/A
All	51	25	49.02%	N/A	N/A	N/A

SUMMARY OF THE ELEMENTARY/MIDDLE SCIENCE GOAL

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.	No
Comparative	Each year, the percentage 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

In spring 2023, 51 scholars who took the 8th grade science assessment were enrolled in at least their second year, and 49.02% of these scholars performed at or above level 3 on the NY State Science Exam. Performance on this measure was short by 25.98%. However, it is imperative to consider Bronx 1 also had 30 scholars take and pass a more advanced science exam -and 97% of scholars tested performed at or above a level 3 on the NY State Living Environment Regents.

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
8	2022-23	Living Environment	31	30	96.8%

ACTION PLAN

To assess students’ instructional needs, Bronx Excellence 1 will implement multiple benchmark assessments to gauge where students are in their development sooner. Using this and other data collected throughout the year, the school will provide intensive, data-driven differentiation to target individualized needs. Bronx Excellence will continue to provide equitable access to our high-quality instructional program to all students and remain vigilant of all learners’ progress, including those with special educational needs and English Learners.

We will continue to prioritize our professional development for science teachers with a strong focus on the Next Generation Standards.

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	Local Support and Improvement (Good Standing)

ADDITIONAL CONTEXT AND EVIDENCE

Bronx Excellence 1 has been in Good Standing every year of reporting.

OPTIONAL GOALS

Goal 5: Parent Satisfaction

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

Parents will express a high satisfaction rating with the school.

Goal 5: Absolute Measure

Each year two-thirds of parents will demonstrate satisfaction with the school's program based on a parent satisfaction survey.

METHOD

Each year Bronx Excellence 1 families receive a satisfaction survey. This survey allows leadership and staff to receive parent feedback, and determine both how the school is succeeding, and where it can improve.

RESULTS

Each year, the New York City Department of Education asks parents, teachers, and students to complete the annual DOE School Quality Survey, and respondents are asked to evaluate their school's performance based on the six elements of the Framework for Great Schools. As this submission was being prepared, the results for the 2022-23 school year have not yet been released. Thus, data from the 2021-22 school year is presented here.

	Number of Responses	Number of Families	Response Rate
Bronx 1	824	824	100%

Key 2021-22 Parent Satisfaction Survey Results

	Bronx 1
Parent Involvement	89%
Parent-Teacher Trust	94%
Parent-Principal Trust	94%
Safety	N/A
Cleanliness	N/A

Goal 5: Absolute Measure

Each year, 90 percent of all students enrolled during the course of the year return the following September.

METHOD

Each year, enrollment is tracked in ATS, which acts as a city-wide student information system. The retention rate was calculated by finding the number of students discharged before the first day of

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

school. Subtracting this number from 2022-23 enrollment total will show the number of returning students. This allows us to calculate our retention rate.

RESULTS & EVALUATION

Of the 783 students enrolled on BEDS Day of 2021-22, 668 returned and remained enrolled for BEDS Day 2022-23, and 96 graduated. This represents a 97% retention rate. This measure was met.

Site	BEDS DAY SY22	# of Graduates	BEDS DAY 23 (Returned)	Retention Rate
Bronx 1	783	96	668	97.23%

Historical retention rates are as follows:

Year	Retention Rate
2018-19	96%
2019-20	96%
2020-21	96%
2021-22	91%
2022-23	97%

Goal 6: Attendance

The school will maintain a high student attendance average.

Goal 6: Absolute Measure

Each year the school will have a daily attendance rate of at least 95 percent.

METHOD

Each year, attendance is tracked in ATS, which acts as a city-wide student information system. Attendance results for this report were pulled from an ATS attendance report.

2022-23 Attendance

	Bronx 1
K	94.28%
1	94.32%

2022-23 ACCOUNTABILITY PLAN PROGRESS REPORT

2	93.91%
3	95.55%
4	95.29%
5	93.42%
6	94.17%
7	94.78%
8	93.01%
ALL	94.30%

RESULTS AND EVALUATION

Overall, the school fell just below (.7%) the 95% attendance rate performance measure.

Year	Average Daily Attendance Rate
2018-19	96.70%
2019-20	95.97%
2020-21	97.81%
2021-22	94.38%
2022-23	94.30%