

ICAHN CHARTER SCHOOL 5

2018-19 ACCOUNTABILITY PLAN PROGRESS REPORT

Submitted to the SUNY Charter Schools Institute on:

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By Danielle Masi

dmasi@ccics.org

1500 Pelham Parkway South South Bronx, New York 10461

> Phone: (718) 828-0034 Fax: (718) 828-0664

Danielle Masi, Principal and Dr. Arthur H Pritchard prepared this 2018-19 Accountability Progress Report on behalf of the school's board of trustees

Trustee's Name	Board Position		
Gail Golden	President		
Diane Fellows	Secretary		
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Danielle Masi has served as the Principal since 2017

The mission of Icahn Charter School 5 is to use the Core Knowledge curriculum developed by E. D. Hirsch to provide students with a rigorous academic program offered in an extended day/year setting. Students will graduate armed with the skills and knowledge to participate successfully in the most rigorous academic environments, and will have a sense of personal and community responsibility. Icahn Charter School 5 opened in September 2011 and served grades kindergarten through second grade.

Our school is composed of 51% African American and 38% Latin with a free and reduced lunch rate of 69.4%. Our instructional program is data driven and combines Core Knowledge with ongoing assessments. Children who have demonstrated a deficiency in ELA or Mathematics as evident by the results of an assessment test are placed in our Targeted Assistance Program. Our Targeted Assistance Program consists of in school remediation, and after school tutoring. We have an extended school day of 7.5 hours and an extended school year ranging from 190 to 192 days of instruction. Icahn 5 was designated a Recognition School by the NYSED in 2019.

			Schoo	l Enrol	lment	by Gra	ade Le	vel and	d Scho	ol Yea	r			
School Year	К	1	2	3	4	5	6	7	8	9	10	11	12	Total
2014-15	40	37	38	35	32	35	-	-	40	-	-	-	-	180
2015-16	39	38	40	37	34	32	30	-	39	-	-	-	-	217
2016-17	39	36	38	37	35	35	36	27	39	-	-	-	-	283
2017-18	39	36	38	38	39	35	31	30	27	-	-	-	-	313
2018-19	39	37	40	40	36	37	33	29	30					321

GOAL 1: ENGLISH LANGUAGE ARTS

Goal 1: English Language Arts

All Icahn 5 students will become proficient readers of the English language

BACKGROUND

Our ELA curriculum follows the Core Knowledge sequence and is comprised of McGraw-Hill anthologies, workbooks, a strong emphasis on writing, extensive classroom libraries and by-monthly assessments. Our ELA specialist provides small group instruction (Targeted Assistance/TA) for 45 minutes a day 5 days a week to those children who have demonstrated a deficiency in any area of reading. The results of all practice tests go through an intensive error analysis by the administration and are discussed in great detail with the Staff Developer. The Staff Developer meets with the teacher and ELA specialist to provide remediation lessons for the targeted children. Our process of ongoing assessments ensures that the program will closely monitor the child's progress and promote the child out of TA where appropriate, as well as accept new students as required by their practice test results. The ELA program is personally supervised by the Principal and Staff Developer. We are consistently monitoring the alignment of the

ELA materials with the NYS ELA Curriculum as well as Core Knowledge. There were no important changes to the English language arts program or staff prior to or during the 2018-2019 school year.

Goal 1: Absolute Measure

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.

METHOD

The school administered the New York State Testing Program English language arts ("ELA") assessment to students in 3rd through 8th grade in April 2019. Each student's raw score has been converted to a grade-specific scaled score and a performance level.

The table below summarizes participation information for this year's test administration. The table indicates total enrollment and total number of students tested. It also provides a detailed breakdown of those students excluded from the exam. Note that this table includes all students according to grade level, even if they have not enrolled in at least their second year (defined as enrolled by BEDS day of the previous school year).

2018-19 State English Language Arts Exam Number of Students Tested and Not Tested

Crada	Total	Total Not Tested ¹						
Grade	Tested	IEP	ELL	Absent	Refused	Enrolled		
3	40	3	1	0	0	40		
4	36	3	0	0	0	36		
5	35	4	0	2	0	37		
6	33	2	0	0	0	33		
7	29	1	0	0	0	29		
8	30	1	0	0	0	30		
All	203	14	1	2	0	205		

RESULTS AND EVALUATION

In 2018-19 Icahn 5 - 3rd through 8th grade students enrolled for at least two years demonstrated 73% proficiency, missing the 75% target by 2%.

The measure was not met.

Performance on 2018-19 State English Language Arts Exam By All Students and Students Enrolled in At Least Their Second Year

Grades	All Stu	dents	Enrolled in at least their Second Year		
Grades	Percent Proficient	Number Tested	Percent Proficient	Number Tested	
3	78	40	78	40	
4	69	36	68	35	

¹ Students exempted from this exam according to their Individualized Education Program (IEP), because of English Language Learners (ELL) status, or absence for at least some part of the exam.

5	40	35	40	35
6	82	33	82	33
7	83	29	83	29
8	90	30	90	30
All	73	203	73	202

ADDITIONAL EVIDENCE

In 2017-18 Icahn 5 - 3rd through 8th grade students enrolled for at least two years demonstrated proficiency, however in 2016-17 and 2018-19 they did not.

ELA Performance by Grade Level and Year

	Percent of Students Enrolled in At Least Their Second Year								
			Achieving Pr	oficiency					
Grade	201	L6-17	2017	-18	201	8-19			
	Percent	Number	Percent	Number	Percent	Number			
	Percent	Tested	Percent	Tested	Percent	Tested			
3	62.0	37	78.3	37	78	40			
4	85.3	34	77.1	35	68	35			
5	67.6	34	66.7	33	40	35			
6	62.8	32	90.3	31	82	33			
7	81.0	26	72.4	29	83	29			
8	-	-	77.7	27	90	30			
All	71.7	164	77.1	192	73	202			

Goal 1: Absolute Measure

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.

METHOD

In New York State, ESSA school performance goals are met by showing that an absolute proportion of a school's students who have taken the English language arts test have scored at the partially proficient, or proficient and advanced performance levels (Levels 2 or 3 & 4). The percentage of students at each of these three levels is used to calculate a PI and determine if the school has met the MIP set each year by the state's ESSA accountability system. To achieve this measure, all tested students must have a PI value that equals or exceeds the state's 2018-19 English language arts MIP for all students of 105. The PI is the sum of the percent of students in all tested grades combined scoring at Level 2, plus two times the percent of students scoring at Level 3, plus two-and-a-half times the percent of students scoring at Level 4. Thus, the highest possible PI is 250.

RESULTS AND EVALUATION

IN 2018-19, Icahn 5 3rd through 8th grades students achieved a Performance Level Index value of 178, surpassing the state MIP target of 105 by 73 points.

The measure was made.

Icahn Charter School 5 - 2018-19 Accountability Plan Progress Report

English Language A	Arts 2018-19 Per	formance li	ndex
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Number	in		Percent of Students at Each Performance Level						
Cohort		Level 1		Level 2		Level 3		Level 4	
203		7		20		49		24	
					,				<u> </u>
		PI	=	20	+	49	+	24	=
						49	+	24	=
							+	12	=
								PI	=

Goal 1: Comparative Measure

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.

METHOD

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

RESULTS AND EVALUATION

In 2017-18 Icahn 5 - 3rd through 8th grade students in at least their second year at the school outscored their District 11 peers, who scored 37% in tested grades by 36% with their score of 73%.

The measure was made.

2018-19 State English Language Arts Exam Charter School and District Performance by Grade Level

	Percent	of Students at	or Above Proficiency		
Grade		ool Students st 2 nd Year	All District Students		
	Percent Number Tested		Percent	Number Tested	
3	78	40	43	3,013	
4	68	35	37	3,219	
5	40	35	30	3,101	
6	82	33	38	3,068	
7	83	29	32	2,973	
8	90	90 30		2,984	
All	73	202	37	18,358	

² Schools can acquire these data when the New York State Education Department releases its database containing grade level ELA and math test results for all schools and districts statewide. The NYSED announces the release of the data on its News Release webpage.

ADDITIONAL EVIDENCE

Icahn 5 3rd through 8th grade students in at least their second year at the school have consistently outscored their District 11 peers during the three year period between 2016-17, 2017-18, and 2018-19 averaging 73.9% per year compared with 34.8%, a difference of 39.1%.

English Language Arts Performance of Charter School and Local District by Grade Level and School Year

	Percent of Students Enrolled in at Least their Second Year Scoring at or							
		Above Prof	iciency Comp	ared to Distri	ct Students			
Grade	2016	5-17	201	7-18	201	8-19		
	Charter School	District	Charter School	District	Charter School	District		
3	62.0	33	78.3	40	78	43		
4	85.3	34	77.1	39	68	37		
5	67.6	27	66.7	27	40	30		
6	62.8	25	90.3	41	82	38		
7	81.0	34	72.4	35	83	32		
8	-	-	77.7	43	90	43		
All	<u>71.7</u>	<u>30.6</u>	<u>77.1</u>	<u>37</u>	73	37		

Goal 1: Comparative Measure

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.

METHOD

The SUNY Charter Schools Institute ("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 Institute compares the school's actual performance to the predicted performance of public schools with a similar concentration of economically disadvantaged students. 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 requirement for achieving this measure.

Given the timing of the state's release of economically disadvantaged data and the demands of the data analysis, the 2018-19 analysis is not yet available. This report contains <u>2017-18</u> results, the most recent Comparative Performance Analysis available.

RESULTS AND EVALUATION

In 2017-18 Icahn 5 students demonstrated an Effect Size of 2.00, which was 1.84 points higher than the .3 target. Their effort earned them the designation "Higher than expected to a large degree".

The measure was met.

2017-18 English L	anguage Arts Com	parative Performance I	by Grade Level
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Grade	Percent Economically	Number Tested		f Students els 3&4	Difference between Actual and Predicted	Effect Size
	Disadvantaged		Actual	Predicted	and Predicted	
3	65.8	38	78.9	48.4	30.5	1.73
4	69.2	38	78.9	43.6	35.3	1.88
5	52.9	34	67.6	38.8	28.8	1.84
6	71.9	31	90.3	43.0	47.4	2.73
7	71.0	30	73.3	34.1	39.2	2.17
8	66.7	27	77.8	42.2	35.6	1.72
All	66.1	198	77.8	42.2	35.6	2.00

School's Overall Comparative Performance:

Higher than expected to a large degree

ADDITIONAL EVIDENCE

Icahn 5 students have consistently achieved the Effect Size designation of "Higher than expected to a large degree.

English Language Arts Comparative Performance by School Year

School Year	Grades	Percent Economically Disadvantaged	Number Tested	Actual	Predicted	Effect Size
2015-16	3,4,5,6	66.7	132	75	35.6	2.16
2016-17	3,4,5,6,7	63.7	170	70.6	35.3	2.17
2017-18	3-8	66.1	198	77.8	42.2	2.00

Goal 1: Growth Measure³

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.

METHOD

This measure examines the change in performance of the same group of students from one year to the next and the progress they are making in comparison to other students with the same score in the previous year. The analysis only includes students who took the state exam in 2017-18 and also have a state exam score from 2016-17 including students who were retained in the same grade. Students with the same 2016-17 score are ranked by their 2017-18 score and assigned a percentile based on their relative growth in performance (student growth percentile). Students' growth percentiles are aggregated school-wide to yield a school's mean growth percentile. In order for a

³ See Guidelines for <u>Creating a SUNY Accountability Plan</u> for an explanation.

school to perform above the target for this measure, it must have a mean growth percentile greater than 50.

Given the timing of the state's release of Growth Model data, the 2018-19 analysis is not yet available. This report contains 2017-18 results, the most recent Growth Model data available.⁴

RESULTS AND EVALUATION

In 2017-18, Icahn 5 students demonstrated a Mean Growth Percentile of 49.3, .7 points below the Statewide Median.

The measure was not made.

2017-18 English Language Arts Mean Growth Percentile by Grade Level

Grade	Mean Growth Percentile		
	School	Target	
4	49.5	50.0	
5	49.9	50.0	
6	60.4	50.0	
7	42.9	50.0	
8	42.8	50.0	
All	<u>49.3</u>	50.0	

ADDITIONAL EVIDENCE

After two successive years of exceeding the target, in 2017-18, Icahn 5 students decreased their Mean Growth Percentile to 49.3.

English Language Arts Mean Growth Percentile by Grade Level and School Year

Grade	2015-16	2016-17	2017-18	Target
4	53.5	55.9	49.5	50.0
5	50.5	52.5	49.9	50.0
6	54.3	60.0	60.4	50.0
7	-	64.0	42.9	50.0
8	-	-	42.8	50.0
All	<u>52.7</u>	<u>57.8</u>	49.3	50.0

⁴ Schools can acquire these data from the NYSED's Business Portal: portal.nysed.gov.

Goal 1: Optional Measure

Each year, the percent of students at or above Level 3 on the State ELA exam in each tested grade will be greater than that of the following and similar schools: CSD 11, PS 83, PS103, PS 106, PS/MS 194

METHOD:

Icahn 5 tested-students are compared to all tested students in the surrounding similar schools. Comparisons are between the result of each grade in which Icahn 5 had tested students and the result of grades 3 through 8 in the surrounding schools.

RESULTS AND EVALUATION:

Icahn 5 students in grades 3 through 8 outscored their peers in District 11 and in surrounding schools. Compared with K-5 schools PS 103 and 106, Icahn 5 in grades 3 through 5 students outscored their peers by 26 and 17 points respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 29 points respectively.

The measure was made.

2018-19 NYS ELA – Comparison of All Student Performance on the ELA assessment – Students reaching or surpassing Leve	13
- Icahn 3 with District 11, PS 103, PS 83, PS 103, PS/IS 194	

- ICAIIII 3 WIUI DISUICI 11, F3 103, F3 83, F3 103, F3/13 194									
Grade	District			School					
	11	PS 83	PS 103	PS 106	PS/IS 194	ICAHN 5 CS			
3	43	48	33	51	39	73			
4	37	44	36	47	43	69			
5	30	31	36	32	33	40			
			35	44	38	61			
6	38	47	-	-	57	82			
7	32	40	-	-	40	83			
8	43	57	-	-	51	90			
Total	<u>37</u>	44	<u>35</u>	44	<u>44</u>	<u>73</u>			

SUMMARY OF THE ENGLISH LANGUAGE ARTS GOAL

Absolute – In 2018-19 Icahn 5 students in grade 3 through 8, in at least their second year at the school, achieved an average score of 73% and in doing so, were lower than the 75% target by 2% demonstrated proficiency.

Absolute - Icahn 5 3rd through 8th grades students achieved a Performance Level Index value of 178, surpassing the state MIP target of 107 by 73 points. .

Comparative - Icahn 5 students achieved an Effect Size value of 2.00 in the 2017-18 comparative performance analysis. Their achievement was well above the required value of 0.3.

Comparative - Icahn 5 - 3rdthrough 8thgrade students achieved 73% proficiency and outscored their District 11 peers by 36%.

Growth – Icahn 5 - 4ththrough 8thgrade students demonstrated mean growth percentiles lower than the statewide median of 50% with an average of 49.3%.

Comparative/Optional - Icahn 5 students in grades 3 through 8 outscored their peers in District 11 and in surrounding schools. Compared with K-5 schools PS 103 and 106, Icahn 5 in grades 3 through 5 students outscored their peers by 26 and 17 points respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 29 points respectively.

Туре	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.	Not Achieved
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.	Achieved
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.	Achieved
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. (Using 2017-18 results.)	Achieved
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. (Using 2017-18 results.)	Not Achieved
Optional	Each year, the percent of students at or above Level 3 on the State ELA exam in each tested grade will be greater than that of the following and similar schools: CSD 11, PS 83, PS 103, PS 106, PS/MS 194	Achieved

ACTION PLAN

Icahn 5 completed its first testing year, the same year of the first common core-based exam. Icahn 5 students outscored their peers in District 11 and the schools identified for comparison. In the coming year we plan to analyze the impact of our instruction on at risk students, and those scoring in the high Level 2 to low Level 3 range to identify possible changes we can introduce to support their increased academic achievement. Given the impact of the common core learning standards, we shall also review and adjust as needed student reading, writing, and listening skills.

GOAL 2: MATHEMATICS

Goal 2: Mathematics

Students will demonstrate steady progress in the understanding and application of mathematical skills and concepts.

BACKGROUND

Our Mathematics curriculum follows the Core Knowledge sequence and is comprised of McGraw-Hill Mathematics Connect, workbooks, and a strong emphasis on hands on learning and monthly assessments. Our Mathematics specialist provides small group instruction for 45 minutes a day 5 days a week to those children who have demonstrated a deficiency in any area of Mathematics. The results of practice tests are reviewed with the Principal, teachers, mathematics specialist, and Mathematics consultant in order to provide remediation lessons for the targeted students. Our process of ongoing assessments ensures that the program will closely monitor the child's progress and promote the students out of targeted assistance where appropriate, as well as accept new students as required by practice tests and teacher recommendation. The Mathematics program is supervised by the Principal and with additional support from a Mathematics Consultant from the Lavinia Mathematics Group. The Mathematics Consultant is responsible for demonstration lessons and participates in developing teaching strategies. The mathematics consultant also provides professional development during common planning periods.

Goal 2: Absolute Measure

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

METHOD

The school administered the New York State Testing Program mathematics assessment to students in 3rd through 8th grade in April 2019. Each student's raw score has been converted to a grade-specific scaled score and a performance level.

The table below summarizes participation information for this year's test administration. The table indicates total enrollment and total number of students tested. It also provides a detailed breakdown of those students excluded from the exam. Note that this table includes all students according to grade level, even if they have not enrolled in at least their second year.

2018-19 State Mathematics Exam Number of Students Tested and Not Tested

Crada	Total		Not Tested ⁵				
Grade	Tested	IEP	ELL	Absent	Refused	Enrolled	
3	39	3	1	0	0	40	
4	36	3	0	0	0	36	
5	37	4	0	2	0	37	
6	33	2	0	0	0	33	
7	28	1	0	0	0	29	
8	30	1	0	0	0	30	

⁵ Students exempted from this exam according to their Individualized Education Program (IEP), because of English Language Learners (ELL) status, or absence for at least some part of the exam.

i							
	All	203	14	1	2	0	205

RESULTS AND EVALUATION

In 2018-19, Icahn 5 students, in 3rd through 8th grades, in at least their second year at the school demonstrated proficiency in mathematics with a score of 76.3, which exceeded the 75% target by 1.3 points.

The measure was made.

Performance on 2018-19 State Mathematics Exam By All Students and Students Enrolled in At Least Their Second Year

Grades	All Stud	dents	Enrolled in at least their Second Year		
	Percent Proficient	Number Tested	Percent Proficient	Number Tested	
3	69	39	69	39	
4	78	36	77	35	
5	73	37	73	37	
6	91	33	91	33	
7	75	28	75	28	
8	73	30	73	30	
All	76.5	203	76.3	202	

ADDITIONAL EVIDENCE

In the last three years of mathematics testing, Icahn 5 students in at least their second year at the school have demonstrated or exceeded proficiency with scores of 77.55, 84.2 and 79.2

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

Grade	Year	Regents Exam	Percent Passing with a 65	Number Tested
8	2016-17	N/A		
8	2017-18			
8	2018-19			

In the last three years of mathematics testing, Icahn 5 students in at least their second year at the school have demonstrated or exceeded proficiency with scores of 84.2, 79.2, and 76.3

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	Percent of Students Enrolled in At Least Their Second Year								
		Achieving Proficiency							
Grade	201	L6-17	2017-	-18	201	8-19			
	Percent	Number	Percent	Number	Percent	Number			
	Percent	Tested	Percent	Tested	Percent	Tested			
3	70	37	91.8	37	69	39			
4	91.2	34	80.0	35	77	35			
5	85.3	34	88.2	34	73	37			
6	78.1	32	80.6	31	91	33			
7	96	27	75.8	29	75	28			
8	-	-	59.2	27	73	30			
All	84.2	164	79.2	193	76.3	202			

Goal 2: Absolute Measure

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.

METHOD

In New York State, ESSA school performance goals are met by showing that an absolute proportion of a school's students who have taken the mathematics test have scored at the partially proficient, or proficient and advanced performance levels (Levels 2 or 3 & 4). The percentage of students at each of these three levels is used to calculate a PI and determine if the school has met the MIP set each year by the state's ESSA accountability system. To achieve this measure, all tested students must have a PI value that equals or exceeds the state's 2018-19 mathematics MIP for all students of 107. The PI is the sum of the percent of students in all tested grades combined scoring at Level 2, plus two times the percent of students scoring at Level 3, plus two-and-a-half times the percent of students scoring at Level 4. Thus, the highest possible PI is 250.

RESULTS AND EVALUATION

In 2018-19, Icahn 5 3rd through 8th grade students achieved a PI of 191.5 84.5 points above the MIP target of 107.

The measure was met.

Mathematics 2018-19 Performance Level Index (PI)

Number in	Р	Percent of Students at Each Performance Level						
Cohort	Level 1		Level 2		Level 3		Level 4	
203	4		19		35		41	
	PI	=	19	+	35	+	41	=
					35	+	41	=
						+	20.5	=
							ΡI	=

Goal 2: Comparative Measure

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.

METHOD

A school compares the performance of tested students enrolled in at least their second year to that of 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.⁶

RESULTS AND EVALUATION

In 2018-19 Icahn 5 students in grades 3 through 8, who have been enrolled for at least two years outscored their CSD 11 peers by 44.3 points. Their score was 76.3 as compared with CSD 11 students who collectively scored 32%

The measure was met.

2018-19 State Mathematics Exam Charter School and District Performance by Grade Level

	Percent of Students at or Above Proficiency					
Grade		ool Students at 2 nd Year	All District Students			
	Percent	cent Number P		Number Tested		
3	69	39	38	3,065		
4	77	35	35	3,269		
5	73	37	30	3,159		
6	91	33	31	3,116		
7	75	28	30	2,980		
8	73	30	27	2,671		
All	76.3	202	<u>32</u>	18,260		

ADDITIONAL EVIDENCE

Icahn 5 - 3rd through 8th grade students in at least their second year, have consistently outscored their District 11 peers.

Mathematics Performance of Charter School and Local District by Grade Level and School Year

Percent of Students Enrolled in at Least their Second Year Who Are					
Grade	Proficiency Compared to Local District Students				
	2016-17 2017-18 2018-19				

⁶ Schools can acquire these data when the New York State Education Department releases its database containing grade level ELA and math test results for all schools and districts statewide. The NYSED announces the release of the data on its News News Release webpage.

	Charter School	District	Charter School	District	Charter School	District
3	70	34	91.8	70	69	38
4	91.2	29	80.0	91.2	77	35
5	85.3	29	88.2	85.3	73	30
6	78.1	27	80.6	78.1	91	31
7	96	23	75.8	96	75	30
8	-	-	59.2	-	73	27
All	84.2	28.4	79.2	84.2	76.3	<u>32</u>

Goal 2: Comparative Measure

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.

METHOD

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 Institute compares the school's actual performance to the predicted performance of public schools with a similar concentration of economically disadvantaged students. 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 requirement for achieving this measure.

Given the timing of the state's release of economically disadvantaged data and the demands of the data analysis, the 2017-18 analysis is not yet available. This report contains <u>2017-18</u> results, the most recent Comparative Performance Analysis available.

RESULTS AND EVALUATION

In 2017-18, Icahn 5 grade 3 through 7 students in at least their second year at the school, achieved an Effect Size of 2.11, 1.81 points higher than the .3 target. Their achievement earned the designation "Higher than expected to a large degree".

The measure was made.

2017-18 Mathematics Comparative Performance by Grade Level

Grade	Percent Economically	Number Tested		of Students rels 3&4	Difference between Actual	Effect Size
	Disadvantaged	_	Actual	Predicted	and Predicted	
3	65.8	38	92.1	51.4	40.7	2.08
4	69.2	38	81.6	43.7	37.9	1.90
5	52.9	35	88.6	46.9	41.7	2.66
6	71.9	31	80.6	37.6	43.0	2.30
7	71.0	30	76.7	34.1	42.6	2.10
8	66.7	27	59.3	25.3	34.0	1.54
All	66.0	199	80.9	40.8	40.1	2.11

School's Overall Comparative Performance:

Higher than expected to a large degree

ADDITIONAL EVIDENCE

Icahn 5 students in tested grades have consistently exceeded the Effect Size measure to a large degree.

Mathematics Comparative Performance by School Year

School Year	Grades	Percent Economically Disadvantaged	Number Tested	Actual	Predicted	Effect Size
2015-16	3-6	61.8	132	75.8	40.3	2.07
2016-17	3-7	63.7	170	82.8	39.4	2.43
2017-18	3-8	66.0	199	80.9	40.8	2.11

Goal 2: Growth Measure⁷

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.

METHOD

This measure examines the change in performance of the same group of students from one year to the next and the progres4.0 1.54s they are making in comparison to other students with the same score in the previous year. The analysis only includes students who took the state exam in 2017-18 and also have a state exam score in 2016-17 including students who were retained in the same grade. Students with the same 2016-17 scores are ranked by their 2017-18 scores and assigned a percentile based on their relative growth in performance (student growth percentile). Students' growth percentiles are aggregated school-wide to yield a school's mean growth

⁷ See Guidelines for <u>Creating a SUNY Accountability Plan</u> for an explanation.

percentile. In order for a school to meet the measure, the school would have to achieve a mean growth percentile above the target of 50.

Given the timing of the state's release of Growth Model data, the 2018-19 analysis is not yet available. This report contains 2017-18 results, the most recent Growth Model data available.⁸

RESULTS AND EVALUATION

In 2017-18, Icahn 5 4th through 8th grade students in at least their second year at the school achieved a Mean Growth Percentile of 43.6, 6.4 points above the Statewide Median.

The measure was not met.

2017-18 Mathematics Mean Growth Percentile by Grade Level

Grade	Mean Growth Percentile			
Grade	School	Target		
4	64.4	50.0		
5	46.5	50.0		
6	49.5	50.0		
7	40.2	50.0		
8	7.9	50.0		
All	43.6	50.0		

ADDITIONAL EVIDENCE

After 75.4 scored in 2016-17, Icahn 5 dropped to 43.6 in 2017-18.

Mathematics Mean Growth Percentile by Grade Level and School Year

	Mean Growth Percentile				
Grade	2015-16	2016-17	2017-18	Target	
4	53.6	66.4	64.4	50.0	
5	51.3	76.8	46.5	50.0	
6	81.4	76.6	49.5	50.0	
7	ı	83.3	40.2	50.0	
8	-	ı	7.9	50.0	
All	61.6	<u>75.4</u>	<u>43.6</u>	50.0	

⁸ Schools can acquire these data from the NYSED's business portal: portal.nysed.gov.

Goal 2: Optional Measure

Each year, the percent of students at or above Level 3 on the State Math exam in each tested grade will be greater than that of the following and similar schools: CSD 11, PS 83, PS 103, PS 106, and PS/MS 194.

METHOD:

ICAHN 5 tested-students are compared to all tested students in the surrounding similar schools. Comparisons are between the result of each grade in which ICAHN 5 (3-8) had tested students and corresponding grades in the surrounding schools

RESULTS AND EVALUATION:

Icahn 5 students in grades 3 through 7 outscored their peers in District 11 and in surrounding schools. Compared with K-5 schools PS 103 and 106, with 79.2%, Icahn 5 in grades 3 through 5 students outscored their peers by 44 and 30 points respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 33.5 points respectively. Icahn 5 students outscored their CSD peers by 44.5 points.

The measure was made.

	2018-19 NYS Math - Comparison of All Student Performance on the ELA assessment - Students reaching or surpassing Level 3							
	Scahn 5 with District 11, PS 103, PS 83, PS 103, PS/IS 194							
Grade	District			School				
	11	PS 83	PS 103	PS 106	PS/IS 194	ICAHN 5 CS		
3	38	53	35	51	39	69		
4	35	47	23	46	40	78		
5	30	33	30	32	32	73		
		44	29	43	37	73		
6	31	38			51	91		
7	30	46			51	75		
8	27	44			45	73		
Total	<u>32</u>	43	<u>29</u>	43	43	<u>76.5</u>		

SUMMARY OF THE MATHEMATICS GOAL

Absolute – In 2018-19, Icahn 5 - 3rd through 8th grade students enrolled in at least their second year at the school scored 76.3 proficiency and in doing so exceeded the State target by 1.3 points.

Absolute - In 2018-19, Icahn 5 students achieved a PI of 191.5, 84.5 points above the state-required MIP target.

Comparative - On the 2017-18 Comparative Performance Analysis Icahn 5 students scored 2.11, which was 1.81 points higher than the required Effect Size of .3.

Comparative – Icahn 5 students in at least their second year at the school scored 76.3% as compared with 32% in District 11, illustrating a difference of 44.3%.

Comparative – A comparison between subsequent years in student performance shows Icahn 5 students achieving a rating of "Higher than expected to a large degree".

Growth - Icahn 5 4th grade students demonstrated mean growth percentiles lower than the statewide median of 50% with a value of 43.6%.

Comparative/Optional - Icahn 5 students in grades 3 through 7 outscored their peers in District 11 and in surrounding schools. Compared with K-5 schools PS 103 and 106, with 79.2%, Icahn 5 in grades 3 through 5 students outscored their peers by 44 and 30 points respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 33.5 points respectively. Icahn 5 students outscored their CSD peers by 44.5 points.

Туре	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.	Achieved
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.	Achieved
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.	Achieved
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. (Using 2017-18 results.)	Achieved
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. (Using the 2017-18 results.)	Not Achieved
Optional	Each year, the percent of students at or above Level 3 on the State Math exam in each tested grade will be greater than that of the following and similar schools: CSD 11, PS 83, PS 103, PS 106, and PS/MS 194.	Achieved

ACTION PLAN

Icahn 5 will continue utilizing the Lavinia Group as well as ongoing assessment and remediation as needed. In addition, we will continue to align our curriculum and provide current texts as the NYS Education Department modifies its mathematic strands. Additionally we shall use I-ready to meet every child's individual needs in mathematics. Given the impact of the common core learning standards, we shall also review and adjust as needed student reading, writing, and listening skills as they relate to mathematics.

GOAL 3: SCIENCE

Goal 3: Science

Science Students will demonstrate competency in the understanding and application of scientific reasoning

BACKGROUND

The Icahn 5 Charter School science curriculum is aligned with the NYS standards and utilizes McGraw-Hill/National Geographic text.

Goal 3: Absolute Measure

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.

METHOD

The school administered the New York State Testing Program science assessment to students in 4th and 8th grade in spring 2019. The school converted each student's raw score to a performance level and a grade-specific scaled score. The criterion for success on this measure requires students enrolled in at least their second year to score at proficiency.

RESULTS AND EVALUATION

In 2018-19 Icahn 5 students in grades 4 and 8 who have been enrolled at the school for at least two years scored 98.5% proficiency on the NYS Science Exam, 23.5 points about the 75% target.

The measure was made.

Charter School Performance on 2018-19 State Science Exam By All Students and Students Enrolled in At Least Their Second Year

Grade Percent of Students at Proficiency of Student Least 2 nd Year				
	Percent Proficient	Number Tested		
4	97%	35		
8	100%	30		
All	98.5%	65		

ADDITIONAL EVIDENCE

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

Grade	Year	Regents Exam	Percent Passing with a 65	Number Tested
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8	2016-17	N/A	1	-
8	2017-18			
8	2018-19			

Icahn 5 students enrolled for at least two years at the school have consistently met the Science assessment measure with average scores of 97%, 96.25%, and 98.5%.

Science Performance by Grade Level and School Year

	Percent of Students Enrolled in At Least Their Second Year at				Year at	
		Proficiency				
Grade	2016-17		2017-18		2018-19	
	Percent	Number	Dorcont	Number	Percent	Number
	Proficient	Tested	Percent	Tested	Proficient	Tested
4	97	29	100	33	97	35
8	-	-	92.5	39	100	30
All	97.0	29	96.25	72	98.5	65

Goal 3: Comparative Measure

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.

METHOD

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. Given the timing of the state's release of district science data, the 2018-19 comparative data may not yet be available. If not, schools should report comparison to the district's **2017-18** data.

RESULTS AND EVALUATION

2018-19 Science performance information for District 11 was not available. Using 2017-18 Science performance information, Icahn 5 outscored District 11 students as follows: Grade 4-97% compared to 80% = 17%; Grade 8-100% compared with 39% - 51%.

2018-19 State Science Exam
Charter School and District Performance by Grade Level

	Percent of Students at Proficiency				
	Charter School Students In At Least 2 nd Year Percent Number Proficient Tested		All District Students ⁹		
Grade					
			Percent	Number	
			Proficient	Tested	

⁹ This table uses the prior year's results as 2018-19 district science scores are not yet available.

4	97	35	80	3235
8	100	30	39	2332
All	98.5	65	59.5	5557

ADDITIONAL EVIDENCE

In 2018-19 Icahn 5 4th grade students scored 98.5% on the NYS Science Exam. By comparison, CSD 11 students scored 59.5. In the two previous years ICAHN 5 students outscored their CSD 11 peers by 17 and 39 points.

Science Performance of Charter School and Local District by Grade Level and School Year

		Percent of Charter School Students at Proficiency and Enrolled in At Least their					
			Second Yea	ar Compared t	to Local Distric	t Students	
Grad	е	2016-17		2017-18		2018-19	
		Charter	District	Charter	District	Charter	District
		School		School		School	
4		97	80	100	80	97	TBA
8		1	ı	92.5	39	100	TBA
All		97	80	98.5	59.5	98.5	

SUMMARY OF THE SCIENCE GOAL

Absolute - Icahn 5 4th and 8th grade students enrolled at the school in at least their second year demonstrated 98.5% proficiency on the 2018-19.

Comparative – Icahn 5 4th and 8th grade students have consistently out-scored their CSD 11 peers.

Туре	Measure	Outcome
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 examination.	Achieved
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.	Achieved

ACTION PLAN

Efforts at Icahn 5 will continue to ensure students are provided with available resources such as the TA program, afterschool and the Saturday Academy Program and their instruction is aligned with the NYS standards

GOAL 4: ESSA

Goal 4: ESSA

Under the state's ESSA accountability system, the school's Accountability Status will be "Good Standing" each year

Goal 4: Absolute Measure

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.

METHOD

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.

RESULTS AND EVALUATION

ICAHN 5 has met the ESSA requirement for the 2018-19 school year.

The measure was made.

ADDITIONAL EVIDENCE

ICAHN 5 has met the NCLB then ESSA requirement for the 2012-13, 2013-14, 2014-15, 2015-16, 2016-17 and 2018-19 school years

Accountability Status by Year

Year	Status	
2016-17	Good Standing	
2017-18	Good Standing	
2018-19	Good Standing	

APPENDIX A: OPTIONAL GOALS

The following section contains a Parent Satisfaction optional goal, as well as examples of possible optional measures.

Goal S: Parent Satisfaction

Parents will demonstrate a strong support and commitment to the school.

Goal S: Absolute Measure

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

METHOD

The NYC School Survey includes questions available for response for all parents/guardians of students who attend Icahn 5 Charter School. After the collection of the surveys, all questions are tallied with notification of how many surveys were not returned to the school.

RESULTS

In 2018-19 81% of Icahn 5 parents responded to the parent survey in use at the school. Based upon an analysis of the percent of satisfaction among responding parents, the measure was made.

2018-19 Parent Satisfaction Survey Response Rate

Number of Responses	Number of Families	Response Rate
197	242	81%

2018-19 Parent Satisfaction on Key Survey Results

	Percent of
Item	Respondents
	Satisfied
I feel welcome when I visit the school.	96%
This school provides a safe environment for learning.	98%
My child has up-to-date instructional tools (books, computers, videos, etc.) that are used effectively.	98%
The school holds high expectations for my child.	98%
The school holds high academic expectations for my child.	97%

EVALUATION

The measure was met.

Goal S: Absolute Measure

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

METHOD

Tracking of Icahn 5 students is maintained by the Principal, using attendance records, and interactions with parents.

RESULTS

The 2018-19 retention rate at Icahn 5 was 92.3%

2018-19 Student Retention Rate					
	Number of Students	Number of Students	Retention Rate		
2017-18 Enrollment	Who Graduated in	Who Returned in	2018-18 Re-enrollment ÷		
	2017-18	2018-19	(2017-18 Enrollment – Graduates)		
287	0	265	92.3%		

EVALUATION

The measure was made.

ADDITIONAL EVIDENCE

Year	Retention Rate
2016-17	99%
2017-18	88.7%
2018-19	92.3%

Goal S: Absolute Measure

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

METHOD

Tracking of Icahn 5 students is maintained by the Principal, using attendance records, and interactions with parents.

RESULTS

In 2018-19 the overall attendance rate at Icahn 5 was 96.2%

2018-19 Attendance

	Average Daily	
Grade	Attendance Rate	
1	96.6%	
2	95.5%	
3	97.0%	
4	94.6%	
5	97.5%	
6	98.0%	
7	96.0%	
8	97.0%	
Overall	96.52%	

EVALUATION

The measure was met.

ADDITIONAL EVIDENCE

Year	Average Daily Attendance Rate
2016-17	95.2%
2017-18	96.4%
2018-19	96.52%