

# **ICAHN CHARTER SCHOOL 5**

# 2017-18 ACCOUNTABILITY PLAN PROGRESS REPORT

Submitted to the SUNY Charter Schools Institute on:

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Danielle Masi, Principal and Dr. Arthur H Pritchard prepared this 2017-18 Accountability Progress Report on behalf of the school's board of trustees:

Trustee's Name	Voting Board Position
Gail Golden	President
Diane Fellows	Secretary
Seymour Fliegel	Member
Robert Sancho	Member
Edward J. Shanahan	Member
Karen Mandelbaum	Member
Phyllis Hall	Parent Member

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

			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
2013-14	37	36	38	34	35	-	-	-	37	-	-	-	-	143
2014-15	40	37	38	35	32	35	1	1	40	1	1	-	ı	180
2015-16	39	38	40	37	34	32	30	1	39	1	1	-	ı	217
2016-17	39	36	38	37	35	35	36	27	39	1	1	-	ı	283
2018-18	39	36	38	38	39	35	31	30	27	-	-	-	-	313

# **GOAL 1: ENGLISH LANGUAGE ARTS**

# Goal 1: English Language Arts

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

#### **BACKGROUND**

The English Language Arts Core Knowledge Curriculum is supported through the McMillan-McGraw Hill Reading Program supplemented by Classroom Leveled Libraries and the Waterford Early learning Program, which integrates the use of technology and fundamental reading instruction. Our Grades 3<sup>rd</sup> through 8<sup>th</sup> grade students were administered the New York State English Language Arts Examination in April 2017.

#### **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 3<sup>rd</sup> through 8<sup>th</sup> grade in April 2018. 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).

2017-18 State English Language Arts Exam Number of Students Tested and Not Tested

Crada	Total		Not Tested <sup>1</sup>				
Grade	Tested	IEP	ELL	Absent	Refused	Enrolled	
3	38	4	2	0	0	38	
4	38	4	0	0	1	39	
5	34	1	0	0	1	35	
6	31	1	0	0	0	31	
7	30	1	0	0	0	30	
8	27	2	0	0	0	27	
All	198	13	2	0	0	200	

#### **RESULTS AND EVALUATION**

In 2017-18, Icahn 5 students in grades 3 through 8, who have been enrolled at the school for at least two years, scored 77.1 % proficient, 2.1 points higher than the 75% target.

Performance on 2017-18 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	78.9	38	78.3	37	
4	78.9	38	77.1	35	
5	67.6	34	66.7	33	
6	90.3	31	90.3	31	
7	73.3	30	72.4	29	
8	77.7	27	77.7	27	
All	77.8	198	77.1	192	

<sup>&</sup>lt;sup>1</sup> 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.

#### **EVALUATION**

The measure was met.

#### ADDITIONAL EVIDENCE

In 2015-16 and 2017-18 Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students enrolled for at least two years demonstrated proficiency, as they did in 2015-16. In 2016-17 they did not meet the measure.

#### ELA Performance by Grade Level and Year

	Percent of Students Enrolled in At Least Their Second Year									
		Achieving Proficiency								
Grade	201	5-16	2016	-17	201	7-18				
	Percent	Number	Percent	Number	Percent	Number				
	reiteilt	Tested	rercent	Tested	reiteilt	Tested				
3	84.37	32	62.0	37	78.3	37				
4	86.66	30	85.3	34	77.1	35				
5	59.37	32	67.6	34	66.7	33				
6	70.00	30	62.8	32	90.3	31				
7	-	-	81.0	26	72.4	29				
8	-	-	-	-	77.7	27				
All	75.10	124	71.7	164	77.1	192				

#### **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 2017-18 English language arts MIP for all students. The state plans to calculate and disseminate the MIP in summer 2018. 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**

Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grades students achieved a Performance Level Index value of 192.95, surpassing the state MIP target.

English Language Arts 2017-18 Performance Inc	lex
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	0								
Number in		Percei	nt of Student	s at Ea	ch Performa	ince Lev	el		
Cohort	Level 1		Level 2		Level 3		Level 4		
198	1.0		21.2		45.5		32.3		
	PI	=	21.2	+	45.5	+	32.3	=	
					45.5	+	32.3	=	
						+	16.15]	=	
							PI	=	

#### **EVALUATION**

The measure was met.

#### **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.<sup>2</sup>

#### **RESULTS AND EVALUATION**

In 2017-18 Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students in at least their second year at the school outscored their District 11 peers in tested grades by 40.1% with their score of 77.1%.

2017-18 State English Language Arts Exam Charter School and District Performance by Grade Level

	Percent	of Students at	t or Above Pro	oficiency	
		ool Students	All District Students		
Grade	In At Leas	st 2 <sup>nd</sup> Year			
	Percent	Number	Percent	Number	
	Percent	Tested	Percent	Tested	
3	78.3	37	40	3,188	
4	77.1	35	39	3,155	
5	66.7	33	27	3,290	
6	90.3	31	41	2,950	
7	72.4	72.4 29		2,988	
8	77.7	27	43	3,003	

<sup>&</sup>lt;sup>2</sup> 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 <a href="News">News</a> <a href="News">News</a> <a href="News">Release webpage</a>.

All	77.1	192	37	18,574

#### **EVALUATION**

The measure was met.

#### ADDITIONAL EVIDENCE

Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students in at least their second year at the school have consistently outscored their District 11 peers during the three year period between 2015-16, 2016-17, and 2017-18 averaging 74.6% per year compared with 31.78%, a difference of 42.85%.

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 Proficiency Compared to District Students							
		Above Prof	iciency Comp	ared to Distri	ct Students			
Grade	2015	5-16	201	6-17	201	7-18		
	Charter School	District	Charter School	District	Charter School	District		
3	84.37	32	62.0	33	78.3	40		
4	86.66	32	85.3	34	77.1	39		
5	59.37	24	67.6	27	66.7	27		
6	70.00	23	62.8	25	90.3	41		
7	-	-	81.0	34	72.4	35		
8	-	-	-	-	77.7	43		
All	<u>75.10</u>	27.75	<u>71.7</u>	<u>30.6</u>	<u>77.1</u>	<u>37</u>		

#### **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 2017-18 analysis is not yet available. This report contains 2016-17 results, the most recent Comparative Performance Analysis available.

#### **RESULTS AND EVALUATION**

In 2016-17 Icahn 5 students demonstrated an Effect Size of 2.17, which was 1.87 points higher than the .3 target. Their effort earned them the designation "Higher than expected to a large degree".

2016-17 English Language Arts Comparative Performance by Grade Level

Grade	Percent Economically Disadvantaged	Number Tested		f Students els 3&4	Difference between Actual and Predicted	Effect Size
	Disauvantageu		Actual	Predicted	and Fredicted	
3	78.9	37	62	33.9	28.1	1.60
4	61.1	35	86	39.2	46.8	2.81
5	58.8	35	69	34.6	34.4	2.37
6	53.1	36	58	33.0	25.0	1.74
7	66.7	27	81	36.4	44.6	2.47
8	-	-	-	-	-	
All	63.7	170	70.6	35.3	35.2	2.17

School's Overal	l Comparative	Performance:	

Higher than expected to a large degree

#### **EVALUATION**

The measure was met.

#### 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
2014-15	3,4,5	67.3	100	55.9	26.4	2.23
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

#### Goal 1: Growth Measure<sup>3</sup>

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

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

the previous year. The analysis only includes students who took the state exam in 2016-17 and also have a state exam score from 2015-16 including students who were retained in the same grade. Students with the same 2015-16 score are ranked by their 2016-17 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 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 2017-18 analysis is not yet available. This report contains 2016-17 results, the most recent Growth Model data available.<sup>4</sup>

#### **RESULTS AND EVALUATION**

In 2016-17, Icahn 5 students demonstrated a Mean Growth Percentile of 57.8, 7.8 points above the Statewide Median.

2016-17 English Language Arts Mean Growth Percentile by Grade Level

Grade	Mean Growth Percentile				
Grade	School	Target			
4	55.9	50.0			
5	52.5	50.0			
6	60.0	50.0			
7	64.0	50.0			
8	-	50.0			
All	<u>57.8</u>	50.0			

#### **EVALUATION**

The measure was met.

#### ADDITIONAL EVIDENCE

In 2016-17, Icahn 5 students increased their Mean Growth Percentile from 36.4 to 52.7.

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

Cundo	Mean Growth Percentile							
Grade	2014-15	14-15 2015-16 2 34.0 53.5	2016-17	Target				
4	34.0	53.5	55.9	50.0				
5	38.8	50.5	52.5	50.0				
6	1	54.3	60.0	50.0				
7	1	-	64.0	50.0				
8	1	-	-	50.0				
All	36.4	52.7	<u>57.8</u>	50.0				

#### **Goal 1: Optional Measure**

<sup>&</sup>lt;sup>4</sup> Schools can acquire these data from the NYSED's Business Portal: portal.nysed.gov.

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:**

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, Icahn 5 in grades 3 through 5 students outscored their peers by 51.03% and 31.73% respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 51.3% and 41% respectively.

#### **EVALUATION:**

The measure was met.

	2017-18 NYS ELA – Comparison of All Student Performance on the ELA assessment – Students reaching or surpassing Level 3 – Icahn 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	40	35	35	50	26	78.3				
4	39	23	20	42	38	77.1				
5	27	21	14	32	25	66.7				
6	41	20	1	-	56	90.3				
7	35	31	1	-	37	72.4				
8	43	25	-	-	35	77.7				
Total	<u>37</u>	<u>25.8</u>	<u>23</u>	41.3	<u>36.1</u>	<u>77.1</u>				

#### SUMMARY OF THE ENGLISH LANGUAGE ARTS GOAL

**Absolute** – In 2017-18 Icahn 5 students in grade 3 through 8, in at least their second year at the school, achieved an average score of 77.1% and in doing so, were higher than the 75% target by 2.1% demonstrated proficiency.

**Absolute** - Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grades students achieved a Performance Level Index value of 192.95, surpassing the state MIP target.

**Comparative** - ICAHN 5 students achieved an Effect Size value of 2.17 in the 2016-17 comparative performance analysis. Their achievement was well above the required value of 0.3.

**Comparative** - Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students achieved 77.1% proficiency and outscored their District 11 peers by 40.1%.

**Growth** – ICAHN 5 4<sup>th</sup> through 8<sup>th</sup> grade students demonstrated mean growth percentiles higher than the statewide median of 50% with an average of 57.8%.

**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, Icahn 5 in grades 3 through 5 students outscored their peers by 51.03% and 31.73% respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 51.3% and 41% 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.	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 small degree) according to a regression analysis controlling for economically disadvantaged students among all public schools in New York State. (Using 2016-17 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 2016-17 results.)	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, and 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:

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 3<sup>rd</sup> through 8<sup>th</sup> grade in April 2018. 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.

2017-18 State Mathematics Exam Number of Students Tested and Not Tested

Grade	Total		Total			
Grade	Tested	IEP	ELL	Absent	Refused	Enrolled
3	38	4	2	0	0	38
4	38	4	0	0	0	39
5	35	2	0	0	0	35
6	31	1	0	0	0	31
7	30	1	0	0	0	30
8	27	2	0	0	0	27
All	199	14	2	0	0	200

<sup>&</sup>lt;sup>5</sup> 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.

#### **RESULTS AND EVALUATION**

In 2017-18, Icahn 5 students, 3 through 8, in at least their second year at the school demonstrated proficiency in mathematics with a score of 79.2, which exceeded the 75% target by 4.2 points.

Performance on 2017-18 State Mathematics 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	92.1	38	91.8	37	
4	81.5	38	80.0	35	
5	88.5	35	88.2	34	
6	80.6	31	80.6	31	
7	76.6	30	75.8	29	
8	59.2	27	59.2	27	
All	79.75	199	79.2	193	

#### **EVALUATION**

The measure was met.

#### 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

Mathematics Performance by Grade Level and School Year

	Percent of Students Enrolled in At Least Their Second Year									
		Achieving Proficiency								
Grade	201	15-16	2016-	-17	201	7-18				
	Danasah	Number	Danaant	Number	Dansant	Number				
	Percent	Tested	Percent	Tested		Tested				
3	84.37	32	70	37	91.8	37				
4	80.00	30	91.2	34	80.0	35				
5	62.50	32	85.3	34	88.2	34				
6	83.33	30	78.1	32	80.6	31				
7	-	-	96	27	75.8	29				
8	-	-	-	-	59.2	27				
All	77.55	124	84.2	164	79.2	193				

#### **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 2017-18 mathematics MIP for all students. The state plans to calculate and disseminate the MIP in summer 2018. 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 their fifth year of testing, Icahn 5 students achieved a PI of 199.55 well above the MIP target.

	Mathematics 2017-18 Performance Level Index (PI)								
Number in		Perce	nt of Studer	nts at Ea	ch Performa	ance Le	evel		
Cohort	Level 1		Level 2		Level 3		Level 4		
199	3.5		15.5		35.1		45.7		
	PI	=	21.1	+	45.2	+	45.7	=	98.9
					45.2	+	45.7	=	77.8
						+	22.85	=	22.85
							PI	=	199.55

#### **EVALUATION**

The measure was met.

#### **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.<sup>6</sup>

<sup>&</sup>lt;sup>6</sup> 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 <a href="News">News</a> Release webpage.

#### **RESULTS AND EVALUATION**

In 2017-18 Icahn 5 students outscored their CSD 11 peers by 49.2 points. Their score was 79.2 as compared with CSD 11 students who collectively scored 30%

# 2017-18 State Mathematics Exam Charter School and District Performance by Grade Level

	Percent of Students at or Above Proficiency							
	Charter Scho	ool Students	All District	t Students				
Grade	In At Leas	t 2 <sup>nd</sup> Year	All Distric	t Students				
	Percent	Number	Percent	Number				
	Percent	Tested	Percent	Tested				
3	91.8	37	37	3,250				
4	80.0	35	34	3,188				
5	88.2	34	29	3,310				
6	80.6	31	28	2,979				
7	75.8	29	29	3,011				
8	59.2	27	23	2,697				
All	79.2	193	<u>30</u>	18,435				

#### ADDITIONAL EVIDENCE

Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students in at least their second year, have consistently outscored their District 11 peers. The three year average difference is 53.19% with Icahn 5 at 82.59% and District 11 at 29.4%.

# 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 at Proficiency Compared to Local District Students								
Grade	2015	5-16	201	6-17	201	7-18			
	Charter School	District	Charter School	District	Charter School	District			
3	84.37	30	70	34	91.8	37			
4	80.00	31	91.2	29	80.0	34			
5	62.50	27	85.3	29	88.2	29			
6	83.33	26	78.1	27	80.6	28			
7	1	-	96	23	75.8	29			
8	-	-	-	-	59.2	23			
All	84.37	30	84.2	28.4	79.2	<u>30</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 2016-17 results, the most recent Comparative Performance Analysis available.

#### **RESULTS AND EVALUATION**

In 2016-17, Icahn 5 grade 3 through 7 students in at least their second year at the school, achieved an Effect Size of 2.43, 2.13 points higher than the .3 target. Their achievement earned the designation "Higher than expected to a large degree".

<u>2016-17</u> ľ	Mathematics	Comparative I	Performance	by Grade Le	evel

_						
Grade	Percent Economically	Number Tested		Percent of Students Difference at Levels 3&4 between Actual		Effect Size
	Disadvantaged		Actual	Predicted	- and Predicted	
3	78.9	37	70	39.2	30.8	1.57
4	61.1	35	91	41.1	49.9	2.85
5	58.8	35	86	42.1	43.9	2.59
6	53.1	36	75	41.8	33.2	1.95
7	66.7	27	96	30.7	65.3	3.48
8	-	-				
All	63.7	170	82.8	39.4	43.4	2.43

School's Overall Comparative Performance:	
Higher than expected to a large degree	

#### **EVALUATION**

The measure was met.

#### 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
2014-15	3-5	67.3	100	61.8	24.6	1.45
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

#### Goal 2: Growth Measure<sup>7</sup>

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 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 2016-17 and also have a state exam score in 2015-16 including students who were retained in the same grade. Students with the same 2015-16 scores are ranked by their 2016-17 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 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 2017-18 analysis is not yet available. This report contains 2016-17 results, the most recent Growth Model data available.<sup>8</sup>

#### **RESULTS AND EVALUATION**

In 2016-17, Icahn 5 4<sup>th</sup> 5<sup>th</sup> and 6<sup>th</sup> grade students in at least their second year at the school achieved a Mean Growth Percentile of 75.4, 25.4 points above the Statewide Median.

2016-17 Mathematics Mean Growth Percentile by Grade Leve

Grade	Mean Growth Percentile		
Grade	School	Target	
4	66.4	50.0	
5	76.8	50.0	
6	76.6	50.0	
7	83.3	50.0	
8	-	50.0	
All	<u>75.4</u>	50.0	

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

<sup>&</sup>lt;sup>8</sup> Schools can acquire these data from the NYSED's business portal: portal.nysed.gov.

#### **EVALUATION**

The measure was met.

#### **ADDITIONAL EVIDENCE**

After three years of scores below the Statewide Median for the Mean Growth Percentile Icahn 5 students achieved a score of 75.4, 25.4 points about the 50 point target.

#### Mathematics Mean Growth Percentile by Grade Level and School Year

	Mean Growth Percentile					
Grade	2014-15	2015-16	2016-17	Target		
4	45.6	53.6	66.4	50.0		
5	27.2	51.3	76.8	50.0		
6		81.4	76.6	50.0		
7		-	83.3	50.0		
8		-	1	50.0		
All	36.1	61.6	<u>75.4</u>	50.0		

#### **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:**

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%, Ichan 5 in grades 3 through 5 students outscored their peers by 71.3% and 46% respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 58.9% and 38.6% respectively. Icahn 5 students outscored their CSD peers by 49.1 points.

#### **EVALUATION:**

The measure was met.

	2017-18 NYS Math – Comparison of All Student Performance on the Math assessment – Students reaching or surpassing Level 3 – ICAHN 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	37	29	18	51	38	91.8
4	34	13	15	36	33	80.0
5	29	17	13	35	38	88.2
6	28	26	-	-	57	80.6
7	29	24	-	-	48	75.8
8	23	13	-	-	32	59.2
Total	<u>30</u>	<u>20.3</u>	<u>15.3</u>	40.6	<u>41.0</u>	<u>79.2</u>

#### SUMMARY OF THE MATHEMATICS GOAL

**Absolute** – In 2017-18, Icahn 5 3<sup>rd</sup> through 8<sup>th</sup> grade students enrolled in at least their second year at the school scored 79.2 proficiency and in doing so exceeded the State target by 4.2 points.

**Absolute** - In 2017-18, Icahn 5 students achieved a PI of 199.55 well above the state-required MIP target.

**Comparative** - On the 2016-17 Comparative Performance Analysis Icahn 5 students scored 2.43, which was 2.13 points higher than the required Effect Size of .3. The 2015-16 effort resulted in an increase over 2015-16.

**Comparative** – Icahn 5 students in at least their second year at the school scored 79.1% as compared with 30% in District 11, illustrating a difference of 49.1%.

**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 4<sup>th</sup> grade students demonstrated mean growth percentiles higher than the statewide median of 50% with a value of 75.4%.

**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%, Ichan 5 in grades 3 through 5 students outscored their peers by 71.3% and 46% respectively. Compared with K-8 schools PS 83 and PS/MS 194, Icahn 5 students outscored their peers by 58.9% and 38.6% respectively. Icahn 5 students outscored their CSD peers by 49.1 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 small degree) according to a regression analysis	Achieved

	controlling for economically disadvantaged students among all public schools in New York State. (Using 2016-17 results.)	
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 2016-17 results.)	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 Mathematics 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 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 4<sup>th</sup> and 8<sup>th</sup> grade in spring 2018. 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 2017-18 Icahn 5 students in grades 4 and 8 who have been enrolled at the school for at least two years scored 96.25% proficiency on the NYS Science Exam, 20.75 points about the 75% target.

Charter School Performance on 2017-18 State Science Exam

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

	Percent of Students at Proficiency					
Grade	Charter School Students In At Least 2 <sup>nd</sup> Year		All District Students			
	Percent	Number	Percent	Number		
	Proficient	Tested	Proficient	Tested		
4	100	38	80	3235		
8	92.5 39		39	2332		
All	96.25	96.25 77		5557		

#### **EVALUATION**

The measure was met

#### ADDITIONAL EVIDENCE

Icahn 5 students enrolled for at least two years at the school have consistently met the Science assessment measure. For the first two years they have achieved scores of 100% proficiency then in 2017-18 their score was 96.25%.

#### Science Performance by Grade Level and School Year

	Percent of Students Enrolled in At Least Their Second Year at					
	Proficiency					
Grade	2015-16 2016-17				2017	-18
	Percent	Number	Percent	Number	Percent	Number
	Proficient	Tested	Percent	Tested	Proficient	Tested
4	100	29	97.0	33	100	38
8	-	-	-	-	92.5	39
All	100	29	97.0	33	96.25	77

#### **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 2017-18 comparative data is not yet available. Schools should report comparison to the district's **2016-17** data.

#### **RESULTS AND EVALUATION**

In 2017-18 Icahn 5 4<sup>th</sup> and 8<sup>th</sup> grade students enrolled at the school for at least two years scored 96.26% on the NYS Science Exam. By comparison CSD 11 students scored 59.5%.

# 2017-18 State Science Exam Charter School and District Performance by Grade Level

	Percent of Students at Proficiency					
Grade		ool Students st 2 <sup>nd</sup> Year	All District	Students <sup>9</sup>		
	Percent Proficient	Number Tested	Percent Proficient	Number Tested		
4	100	38	80	3235		
8	92.5	39	39 2332			
All	96.25	77	59.5	5557		

#### ADDITIONAL EVIDENCE

In 2017-18 Icahn 5 4<sup>th</sup> grade students scored 96.25% 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 19 and 17 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 Year Compared to Local District Students			t Least their		
Grade	201.	5-16	201	6-17	201	7-18
	Charter School	District	Charter School	District	Charter School	District
4	100.00	83	97	80	100	80
8	-	-	-	-	92.5	39
All	100.00	83	97	80	96.25	59.5

#### SUMMARY OF THE SCIENCE GOAL

**Absolute** - Icahn 5 4<sup>th</sup> and 8<sup>th</sup> grade students enrolled at the school in at least their second year demonstrated 96.25% proficiency on the 2016-17.

Comparative – Icahn 5  $4^{\text{th}}$  and  $8^{\text{th}}$  grade students have consistently out-scored their CSD 11 peers.

Type	Measure	Outcome

 $<sup>^{9}</sup>$  This table uses the prior year's results as 2017-18 district science scores are not yet available.

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

#### **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 NCLB requirement for the 2017-18 school year.

#### ADDITIONAL EVIDENCE

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

	Accountability Status by Year	
Year	Status	

2015-16	Good Standing
2016-17	Good Standing
2017-18	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 2017-18, 197 Icahn 5 parents responded to the NYC DOE School Quality Survey. The response represents 81% of the 242 families at the school.

2017-18 Parent Satisfaction Survey Response Rate

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

### 2017-18 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 academic expectations for my child.	97%
The school holds high expectations of discipline for my child.	98%

#### **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**

In 2017-18, 285 of 321 2016-17 Icahn 5 students or 88.7% returned in 2017-18.

2017-18 Student Retention Rate				
	Number of Students	Number of Students	Retention Rate	
2016-17 Enrollment	Who Graduated in	Who Returned in	2016-17 Re-enrollment ÷	
	2016-17	2017-18	(2015-16 Enrollment – Graduates)	
321	27	285	88.7%	

#### **EVALUATION**

The measure was met.

#### ADDITIONAL EVIDENCE

Year	Retention Rate
2015-16	99%
2016-17	92.3%
2017-18	88.7%

#### **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 2017-18 Icahn 5 students in grades 1 through 8 demonstrated a collective attendance rate of 96.52%, exceeding the measure by 1.52 points.

#### 2017-18 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
2015-16	95.2%
2016-17	96.4%
2017-18	96.52%