



2017-18  
PARCC  
Performance /  
STAR  
Framework

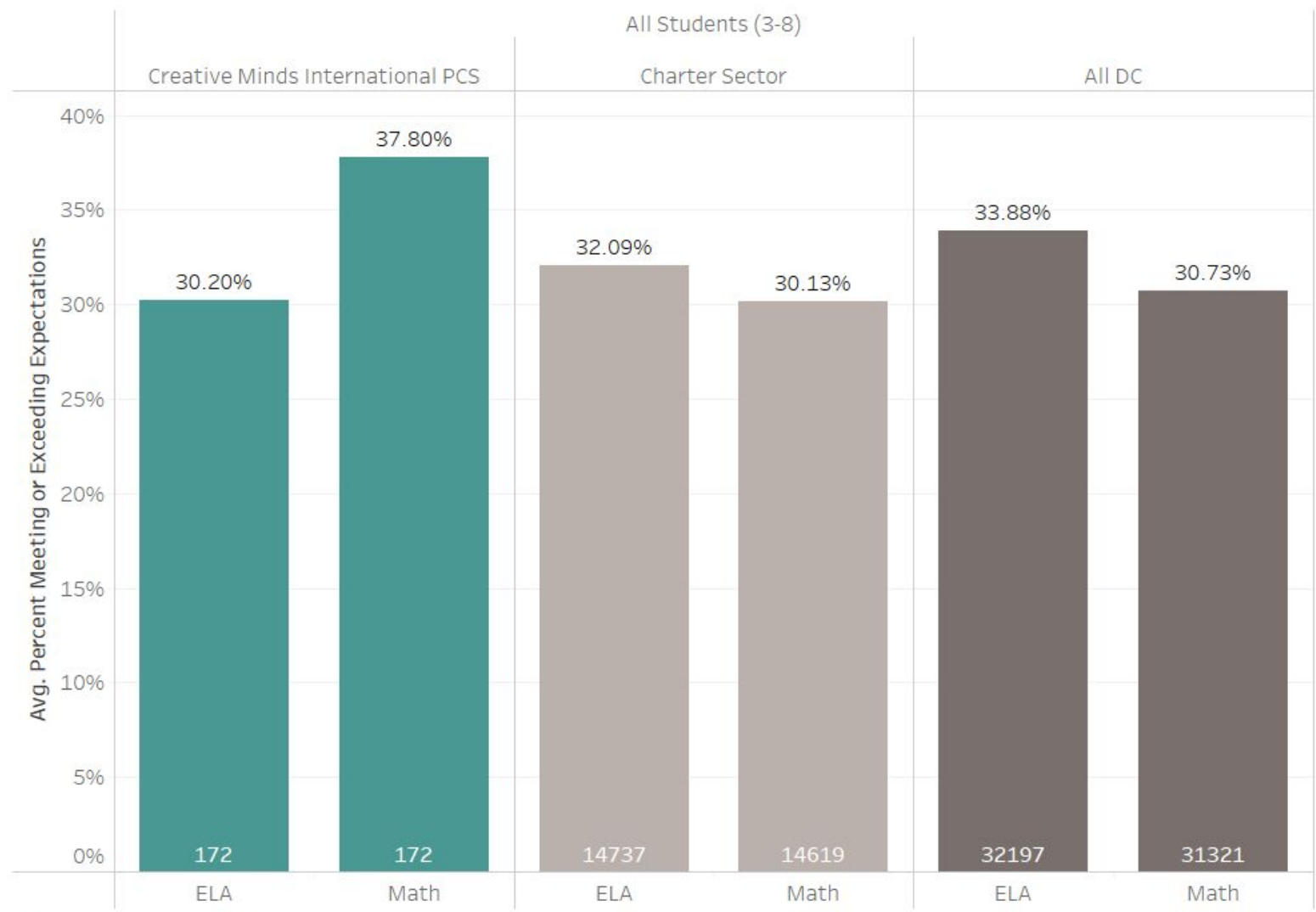
# CMI Ongoing Internal Assessments:

	ELA (Fall, Winter, Spring)	Math (Fall, Winter, Spring)	IPC (ongoing)	Other
PS-PK	Teaching Strategies: GOLD	Teaching Strategies: GOLD	Portfolios/ Early Years Journeys	Developmental Data gathered through Learning Journeys
K-2	DRA	NWEA-MAP	Assessment for Learning/ Portfolios	iReady
3-5	NWEA-MAP	NWEA-MAP	Assessment for Learning/ Portfolios	iReady (3x) PARCC (3-5) (1X)
6-8	NWEA-MAP	NWEA-MAP	Assessment for Learning/ Portfolios	i-Ready (3x) PARCC (1x)

# Overview:

- CMI students are performing well on the PARCC assessment, even though we are not a PARCC- focused school.
- The School's mission and focus is broader than Common Core Standards and PARCC preparation; time is spent on arts-based education, global languages, and international, projects-based learning to meet our international and social-emotional goals.
- CMI's is also inclusive by design to meet a wide range of academic and social/emotional needs of ALL students; this impacts our overall PARCC performance.
- Our PARCC performance takes into account a larger percentage of special education students (38% in testing grades), and accounts for 70% of the points in the OSSE STAR Framework (reviewed in this presentation).

# 2017-18 PARCC Performance, All Students

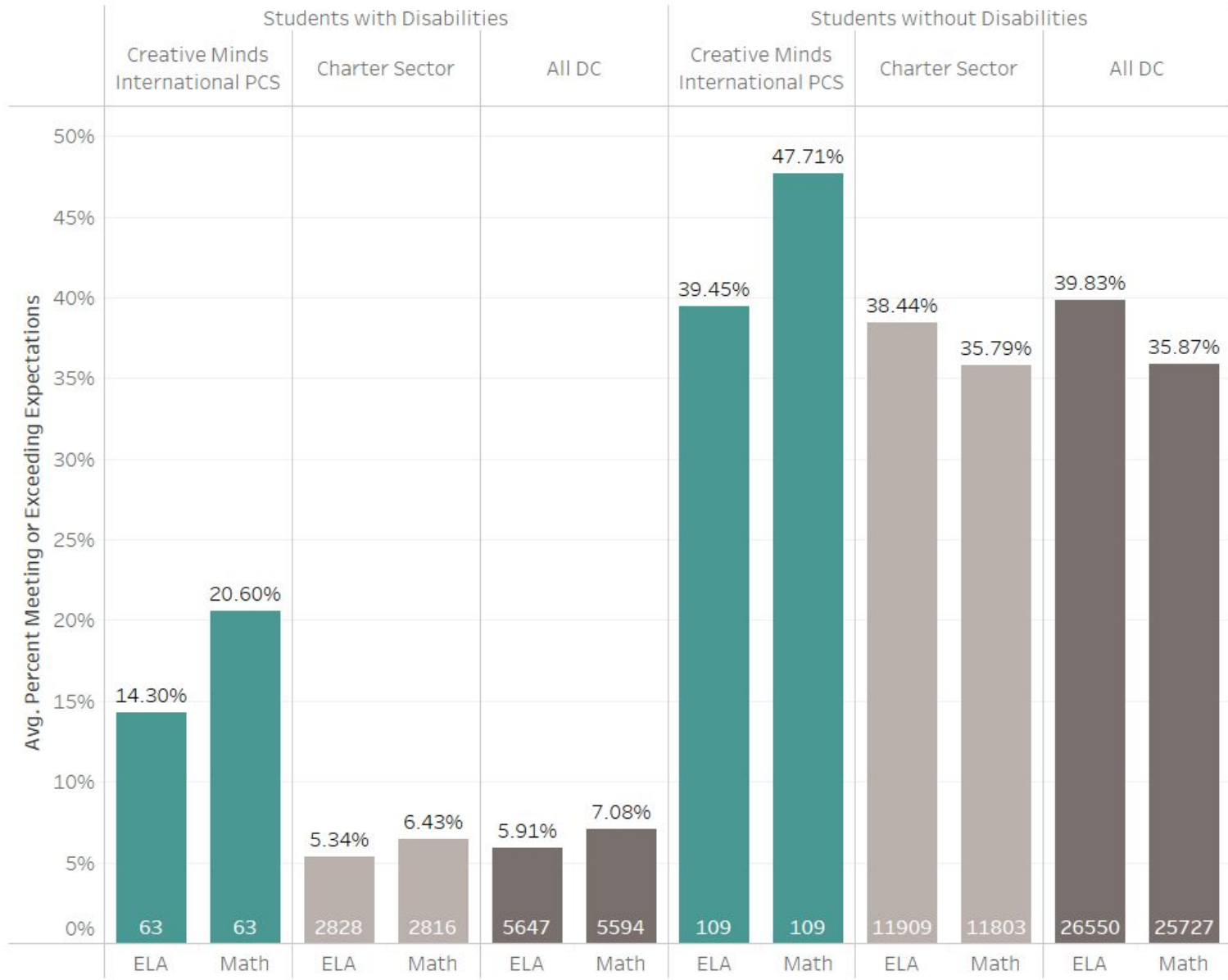


The percentage of all CMI student meeting or exceeding expectations on PARCC in Math exceeds charter sector and state sector averages; ELA is slightly below.

- 2018, Creative Minds International PCS
- 2018, Charter Sector
- 2018, All DC



# 2017-18 PARCC Performance, SPED Students vs. Non-SPED

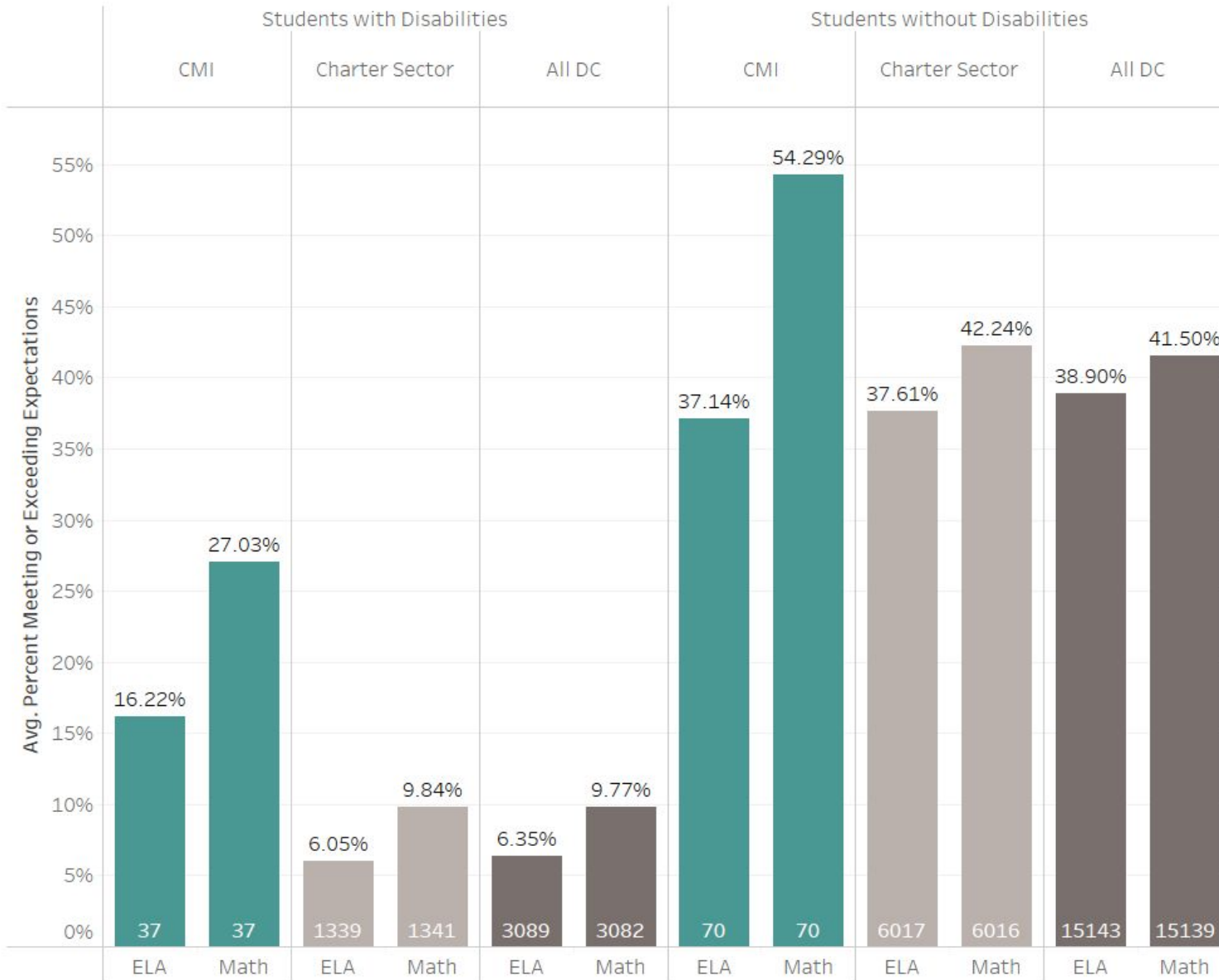


**Disaggregated student data shows that both special education and general education students show strong performance in PARCC proficiency.**

The percentage of CMI students with disabilities meeting or exceeding expectations on PARCC is over twice that of charter sector and state sector averages in ELA and in Math.



# 2017-18 PARCC Performance, Elementary (disaggregated)

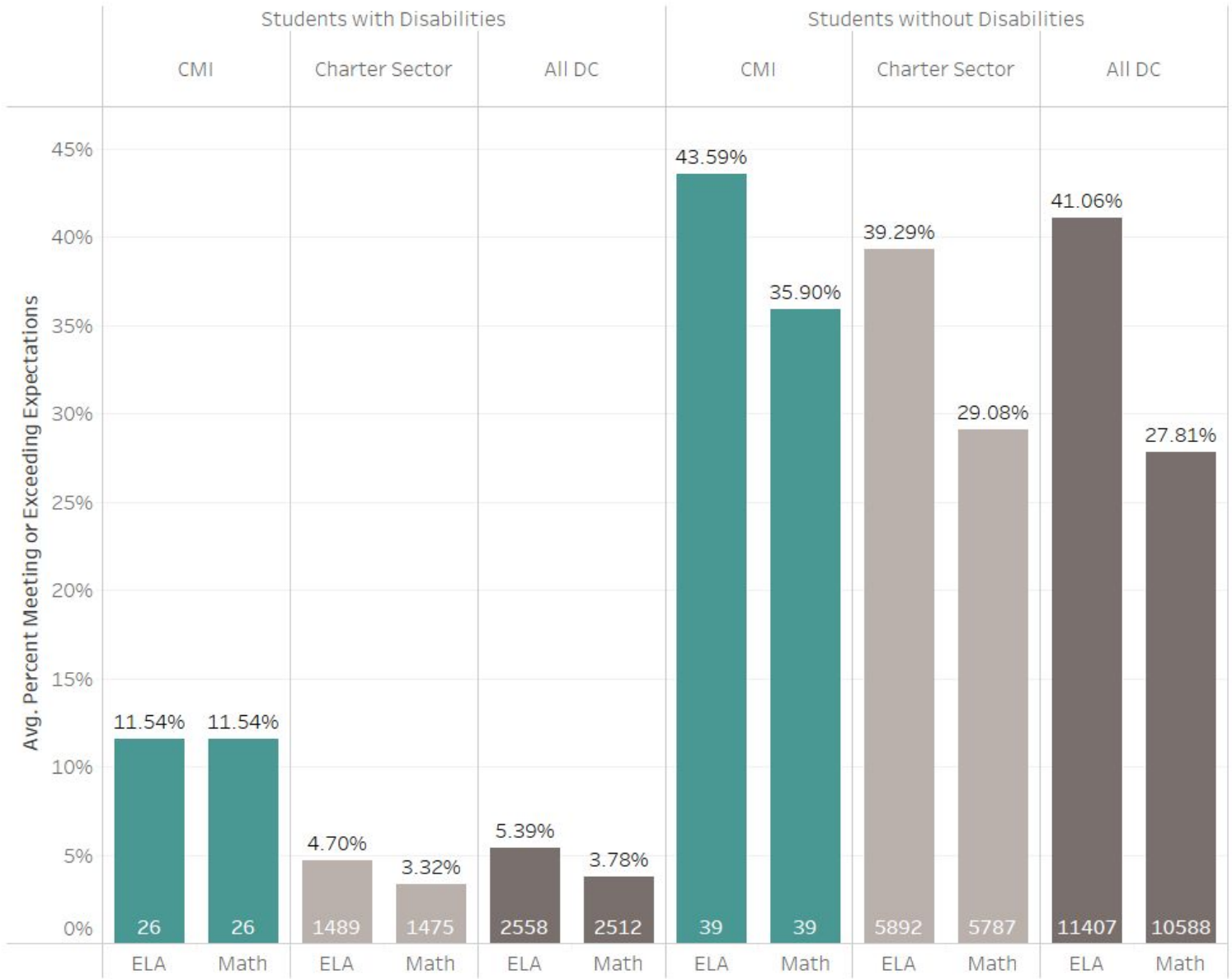


**Disaggregated student data shows that both special education and general education students show strong performance in PARCC proficiency.**

The percentage of elementary CMI students with disabilities meeting or exceeding expectations on PARCC is over twice that of charter sector and state sector averages in ELA and in Math.



# 2017-18 PARCC Performance, Middle School SPED Students



**Disaggregated student data shows that both special education and general education students show strong performance in PARCC proficiency.**

The percentage of middle school CMI students with disabilities meeting or exceeding expectations on PARCC is over twice that of charter sector and state sector averages in ELA and in Math.



# 2017-18 K-8 Schools ranked by ELA PARCC of all students

Rank	School Name	PARCC % 4+ ELA	STAR Rating	% SPED
1	Oyster-Adams Bilingual School	71.2%	80.14	12%
2	Inspired Teaching Demonstration PCS	57.6%	64.23	14%
3	Friendship PCS - Online	45.2%	57.05	16%
4	Center City PCS - Brightwood	42.8%	73.76	11%
5	Two Rivers PCS - 4th St	42.4%	67.34	21%
6	School Without Walls @ Francis-Stevens	39.5%	58.29	17%
7	Truesdell Education Campus	38.0%	56.88	14%
8	Capitol Hill Montessori School @ Logan	36.4%	54.34	8%
9	West Education Campus	34.9%	55.27	14%
10	Center City PCS - Petworth	33.3%	58.58	15%
11	Center City PCS - Shaw	30.9%	48.65	9%
12	<b>Creative Minds International PCS</b>	<b>30.2%</b>	<b>40.76</b>	<b>29%</b>
13	Center City PCS - Congress Heights	30.0%	63.97	10%
14	Meridian PCS	28.1%	58.12	12%
15	Raymond Education Campus	26.7%	59.12	15%
16	City Arts & Prep PCS	26.5%	34.11	10%
17	Leckie Education Campus	26.4%	33.85	12%
18	Whittier Education Campus	26.3%	45.39	28%
19	Brightwood Education Campus	24.3%	59.87	12%
20	Takoma Education Campus	22.6%	30.48	15%
21	Hope Community PCS - Tolson	20.4%	51.4	13%
22	Center City PCS - Capitol Hill	19.9%	37.42	16%
23	Perry Street Preparatory PCS	19.3%	55.49	16%
24	LaSalle-Backus Education Campus	19.2%	55.23	17%
25	DC Scholars PCS	19.1%	24.97	18%
26	Wheatley Education Campus	18.8%	42.16	17%
27	Mary McLeod Bethune Day Academy PCS	16.9%	53.14	10%
28	Walker-Jones Education Campus	16.8%	50.92	22%
29	Browne Education Campus	15.4%	32.78	17%
30	Center City PCS - Trinidad	13.2%	20.79	18%
31	Democracy Prep Congress Heights PCS	11.3%	10.07	21%
32	Ideal Academy PCS	9.1%	12.86	12%
33	The Children's Guild PCS	3.1%	23.41	48%

CMI had the highest % of special education students among top performing schools; overall student performance on PARCC takes into account that in our testing grades, 38% of the students received special education services.

(Disaggregated student data shows a strong performance of both general education and special education students on PARCC.)



# 17-18 Charter K-8 Schools ranked by ELA PARCC of all students

Rank	School Name	PARCC % 4+ ELA	STAR Rating	% SPED
1	Inspired Teaching Demonstration PCS	57.6%	64.23	14%
2	Friendship PCS - Online	45.2%	57.05	16%
3	Center City PCS - Brightwood	42.8%	73.76	11%
4	Two Rivers PCS - 4th St	42.4%	67.34	21%
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(Disaggregated student data shows a strong performance of both general education and special education students on PARCC.)



# 2017-18 K-8 Schools ranked by Math PARCC of all students

Rank	School Name	PARCC % 4+ Math	STAR Rating	% SPED
1	Oyster-Adams Bilingual School	61.2%	80.14	12%
2	Inspired Teaching Demonstration PCS	46.8%	64.23	14%
3	School Without Walls @ Francis-Stevens	42.9%	58.29	17%
4	Two Rivers PCS - 4th St	40.4%	67.34	21%
5	Center City PCS - Brightwood	39.3%	73.76	11%
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30	Perry Street Preparatory PCS	12.1%	55.49	16%
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CMI had the highest % of special education students among top performing schools; overall student performance on PARCC takes into account that in our testing grades, 38% of the students received special education services.

(Disaggregated student data shows a higher performance of both general education and special education students on PARCC.)



# 17-18 Charter K-8 Schools ranked by Math PARCC of all students

Rank	School Name	PARCC % 4+ Math	STAR Rating	% SPED
1	Inspired Teaching Demonstration PCS	46.8%	64.23	14%
2	Two Rivers PCS - 4th St	40.4%	67.34	21%
3	Center City PCS - Brightwood	39.3%	73.76	11%
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STAR  
Framework:  
ES  
Explanation



# Elementary School: % of Points Earned by Student Group/Metric

For CMI's Lower School, Growth Metrics only include Grades 4 and 5. In most instances, the Metric Score CMI's 4<sup>th</sup> and 5<sup>th</sup> graders earned was closer to OSSE's floor than the target, meaning they earned few of the points possible.

Metric	Points Possible	All Students		Students with Disabilities	
		% of Points Earned	Metric Score	% of Points Earned	Metric Score
PARCC 3+/MSAA 3+ ELA	5	49%	57.27%	78%	32.5%
PARCC 3+/MSAA 3+ Math	5	53%	60.9%	77%	42.5%
PARCC 4+/MSAA 3+ ELA	10	40%	30.9%	60%	20%
PARCC 4+/MSAA 3+ Math	10	65%	45.45%	84%	30%
Growth to Proficiency - ELA	10	4%	46.98%	31%	47.01%
Growth to Proficiency - Math	10	0%	24.38%	0%	17.87%
Median Growth Percentile ELA	10	23%	43%	38%	37%
Median Growth Percentile Math	10	5%	33%	7%	28%
90% Attendance	5.775	80%	89.72%	79%	85.71%
Attendance Growth	5.775	31%	-0.41%	48%	-0.03%
In-Seat Attendance	3.85	74%	94.5%	72%	93.5%
pre-K In-Seat Attendance	1	68%	92.36%	71%	91.74%
CLASS - Classroom Organization	1	96%	5.94%	96%	5.94%
CLASS - Emotional Support	1	100%	6.09%	100%	6.09%
CLASS - Instructional Support	1	60%	3.21%	60%	3.21%
Re-enrollment	6.375	90%	86.15%	90%	87.65%

## Considerations:

70% of points are related to PARCC performance (3<sup>rd</sup>-7<sup>th</sup> grade); 40 of the 70 points are related to MGP and SGP (4<sup>th</sup>-7<sup>th</sup> grade); considers the MGP and SGP of 61 students from grades 4 & 5 in the lower school, and only included students with two consecutive years of PARCC tests.

OSSE's STAR report card does not include a growth or achievement metric for Elementary School students in grades PK to 3.

Attendance, re-enrollment, and CLASS Observations, indicative of the quality of our early childhood program where CMI shows strong performance is given minimal points in the OSSE framework.

In sum, the elementary report card score is based on roughly 70 students' PARCC related performance out of 400 students in CMI's lower school.

There are other, more inclusive, metrics we can use to determine how all 400 lower school students are learning and growing each year:

1. i-Ready Reports
2. NWEA MAP Growth Scores
3. Report Cards
4. Teacher Observation and Feedback

For early grades:

CMI chooses to publish their Early Childhood Outcomes in their PMF. These are not included in the PMF score, but are a public record of the work they've done with students in grades PK-2.

# Creative Minds International PCS

## 2018 School Quality Report

(2017–18)

### Grades Measured: PK3-7



#### Additional Measures: Early Childhood Student Outcomes on School-Selected Assessments

##### PK Pre-Literacy: Teaching Strategies GOLD

Percent of students who met or exceeded the publisher's expectations for growth by the end of the year



##### PK Math: Teaching Strategies GOLD

Percent of students who met or exceeded the publisher's expectations for growth by the end of the year



##### K-2 Reading: Developmental Reading Assessment (DRA)

Percent of students who met or exceeded the publisher's expectations for achievement at the end of the year



##### K-2 Math: NWEA Measures of Academic Progress (MAP)

Median percentile of student growth compared to national student performance







# Middle School: % of Points Earned by Student Group/Metric

For CMI's Upper School, Growth Metrics include Grades 6 and 7. These students saw higher growth in ELA than in Math, which is reflected in the percentage of points earned for Growth to Proficiency and Median Growth Percentile.

Metric	Points Possible	All Students		Students with Disabilities	
		% of Points Earned	Metric Score	% of Points Earned	Metric Score
PARCC 3+/MSAA 3+ ELA	5	55%	56.71	88%	35.71
PARCC 3+/MSAA 3+ Math	5	45%	43.28	63%	21.42
PARCC 4+/MSAA 3+ ELA	10	51%	31.34	52%	14.28
PARCC 4+/MSAA 3+ Math	10	58%	26.86	53%	14.28
<b>Growth to Proficiency - ELA</b>	10	45%	50.19	58%	47.21
<b>Growth to Proficiency - Math</b>	10	7%	26.6	35%	28.49
<b>Median Growth Percentile ELA</b>	10	68%	59	53%	47.5
<b>Median Growth Percentile Math</b>	10	8%	31	4%	25
90% Attendance	7.5	74%	87.14	100%	90.32
Attendance Growth	7.5	39%	-0.02	45%	-0.04
In-Seat Attendance	5	72%	94.29	96%	94.3
Re-enrollment	7.5	100%	97.72	100%	100



Student Growth accounts for 40% of the STAR framework. There are two growth metrics: **Median Growth Percentile** (also called MGP) and **Growth to Proficiency**. Each are calculated separately for *ELA and Math*. Student are only included in these metrics if they have *two consecutive years of PARCC data*.

## Median Growth Percentile

- Represents how much growth students made in the PARCC scale score from the previous year to the current year compared to academically similar students across the PARCC consortium.

## Growth to Proficiency

- Measures whether a student has made sufficient growth towards achieving college and career readiness (PARCC Level 4) by comparing the change in a student's scale score from the previous year to the current year against a given growth target.

OSSE does NOT consider an individual student's growth from one year to the next.

**MGP is being used for school accountability which is not what it was intended for.**



# MGP & Growth to Proficiency Definitions

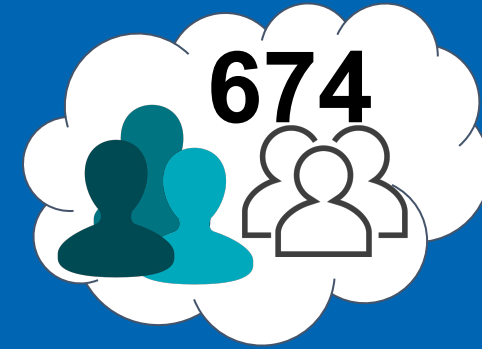
# Median Growth Percentile (MGP)

MGP represents the median growth on PARCC, relative to similarly-scoring peers.

# Median Growth Percentile

For each student...

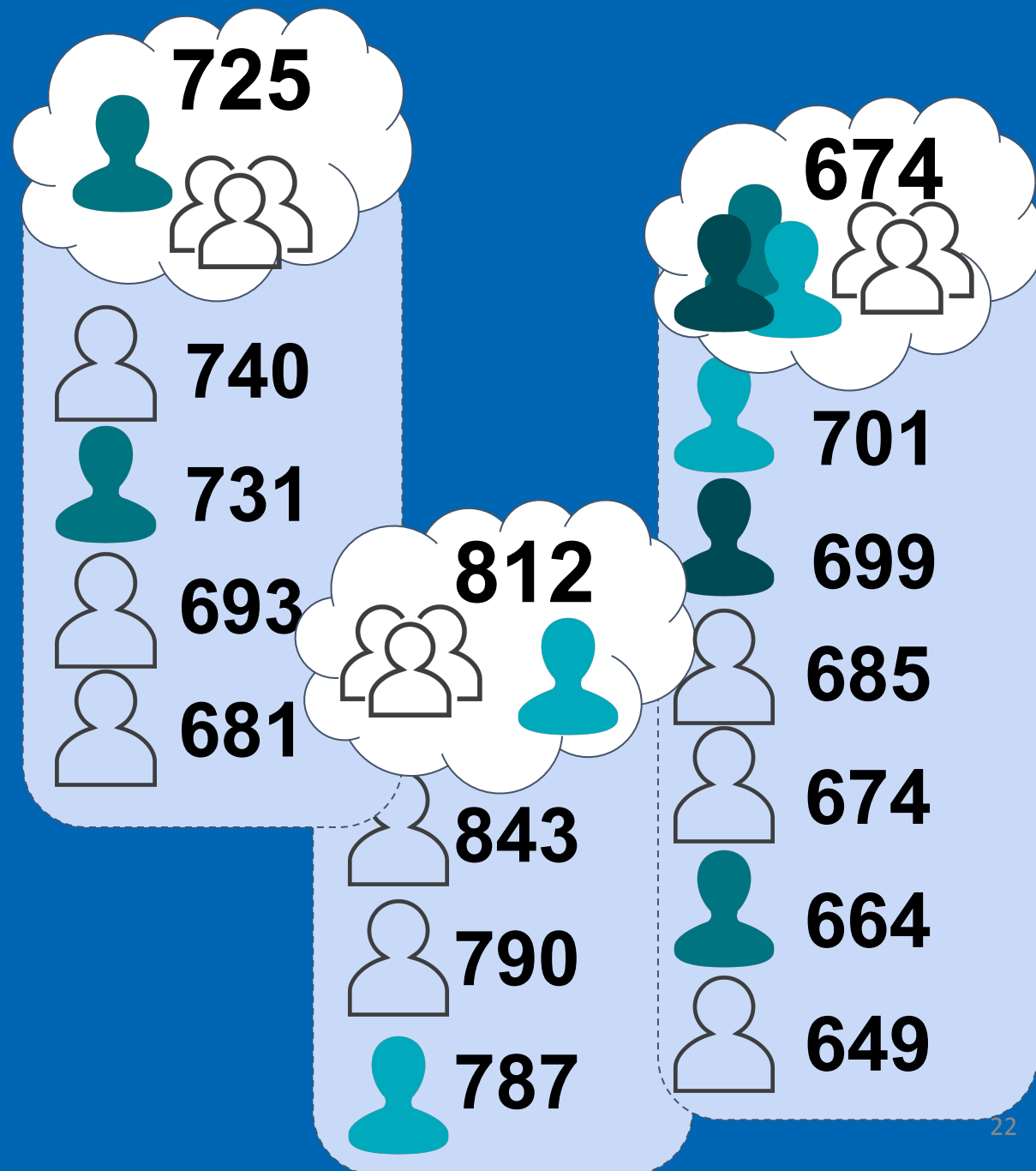
1. Create a statewide cohort of students who earned the same scale score on last year's test.



# Median Growth Percentile

For each student...

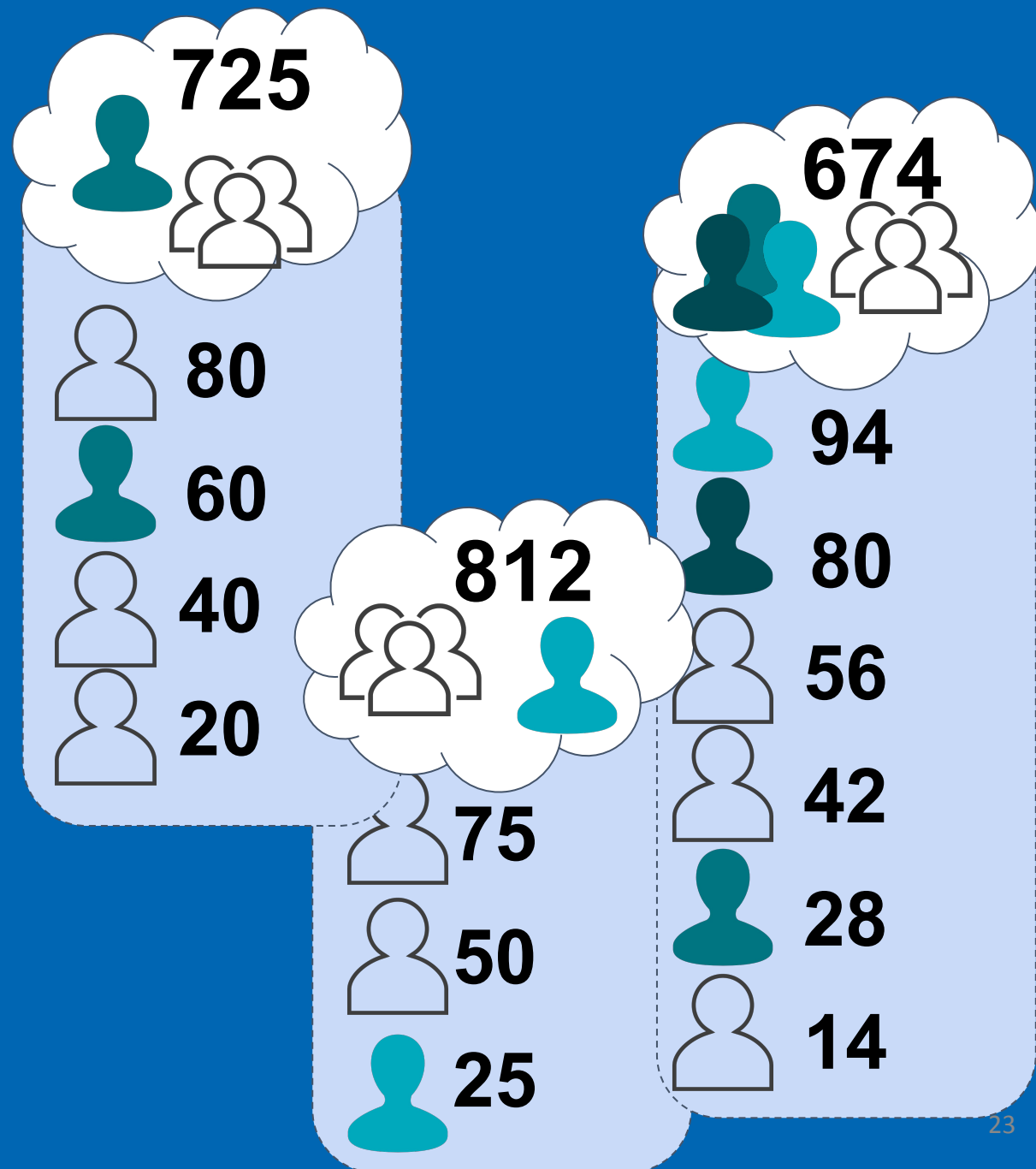
2. Rank each cohort's members by their scores on this year's test compared to last year's score (in the white cloud).



# Median Growth Percentile

For each student...

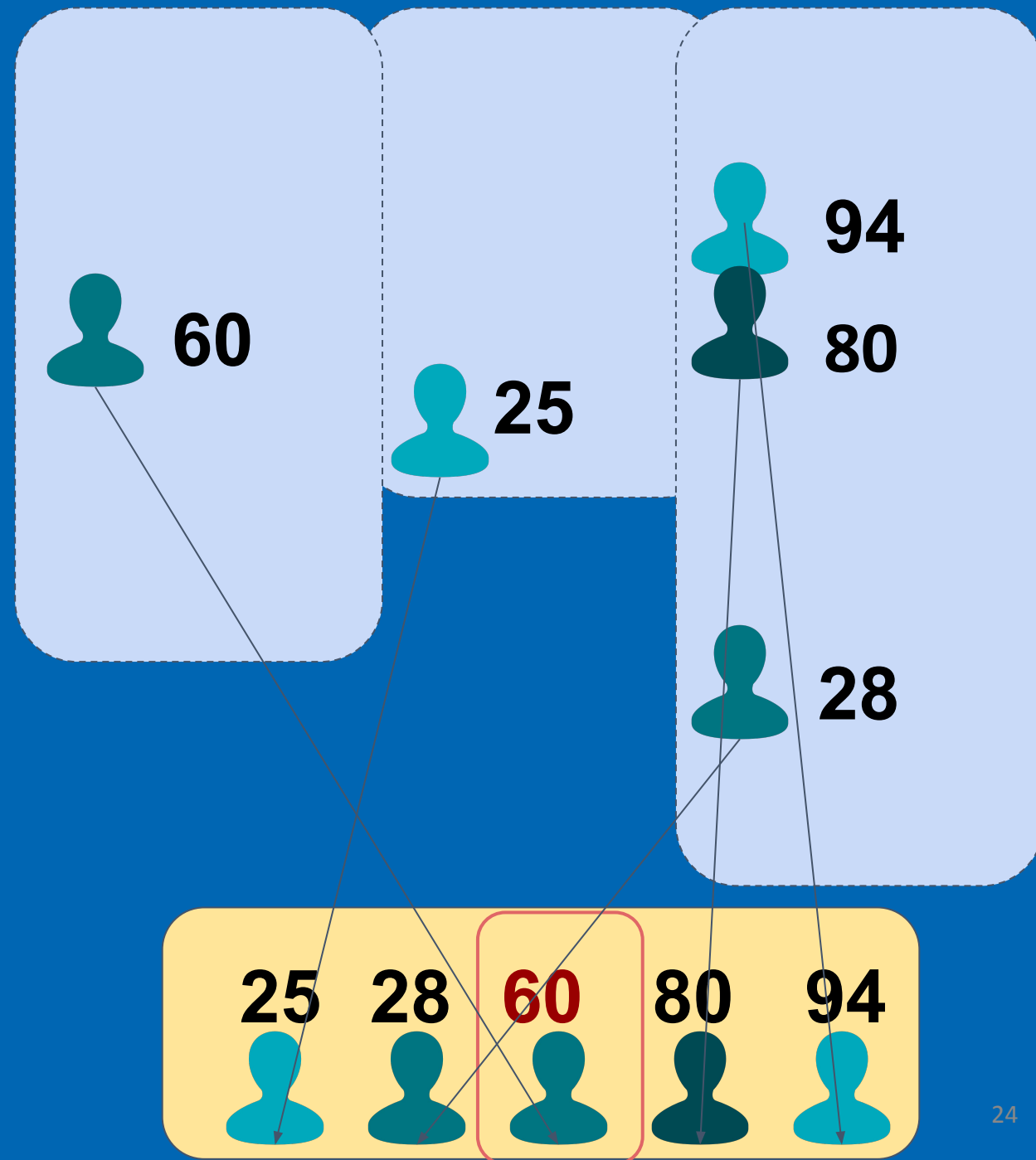
3. Use these rankings to generate a student growth percentile for each student within his/her cohort.



# Median Growth Percentile

For the school...

4. Take the median of the school's student growth percentiles. This is the school's MGP.





# Growth to Proficiency

Growth to Proficiency measures how much progress the average student has made towards achieving PARCC Level 4.

# Growth to Proficiency

For each student...

1. Find prior year and current year PARCC scale score.



**2017: 725**

**2018: 731**



**2017: 674**

**2018: 699**



**2017: 812**

**2018: 787**

# Growth to Proficiency

For each student...

- Based on prior year scale score, determine the PARCC Growth Floor and PARCC Growth Target.

Table 5.5: Growth Floors and Targets, by starting proficiency level

Prior year PARCC Performance Level	PARCC Growth Floor	PARCC Growth Target
Level 1 (650-674)	0	20
Level 1 (675-699)	-1	15
Level 2	-3	13
Level 3	-5	9
Level 4	-7	6
Level 5	-10	0



**2017: 725**

2018: 731

**2017 PARCC Level 3**

**PARCC Growth Floor: -5**

**PARCC Growth Target: 9**



**2017: 674**

2018: 699

**2017 PARCC Level 1**

**PARCC Growth Floor: 0**

**PARCC Growth Target: 20**



**2017: 812**

2018: 787

**2017 PARCC Level 4**

**PARCC Growth Floor: -7**

**PARCC Growth Target: 6**

# Growth to Proficiency

For each student...

3. Calculate Actual Growth by subtracting prior year score from current year score.



**2017: 725**

**2018: 731**

2017 PARCC Level 3

PARCC Growth Floor: -5

PARCC Growth Target: 9

9

**Actual Growth: 6**



**2017: 674**

**2018: 699**

2017 PARCC Level 1

PARCC Growth Floor: 0

PARCC Growth Target: 20

20

**Actual Growth: 25**



**2017: 812**

**2018: 787**

2017 PARCC Level 4

PARCC Growth Floor: -7

PARCC Growth Target: 6

6

**Actual Growth: -25**

# Growth to Proficiency

For each student...

4. Calculate Student Score by using the following formula:

$$\text{Student Score} = \frac{\text{Actual Growth} - \text{PARCC Growth Floor}}{\text{PARCC Growth Target} - \text{PARCC Growth Floor}}$$

If a Student Score is below the Growth Floor their score will be zero. If it is above the Growth Target, it will be 100%.



78.57%

2017 PARCC Level 3

PARCC Growth Floor: -5

PARCC Growth Target: 9

Actual Growth: 6

$$\text{Student Score} = \frac{6 - (-5)}{9 - (-5)} = \frac{11}{14} = 78.57\%$$



100%

2017 PARCC Level 1

PARCC Growth Floor: 0

PARCC Growth Target: 20

Actual Growth: 25

$$\text{Student Score} = \frac{25 - (0)}{20 - (0)} = \frac{25}{20} > 100\%$$



0%

2017 PARCC Level 4

PARCC Growth Floor: -7

PARCC Growth Target: 6

Actual Growth: -25

$$\text{Student Score} = \frac{-25 - (-7)}{6 - (-7)} = \frac{-18}{13} < 0\%$$

# Growth to Proficiency

5. Calculate the average of all Student Scores. This is the schools' Growth to Proficiency Score.

