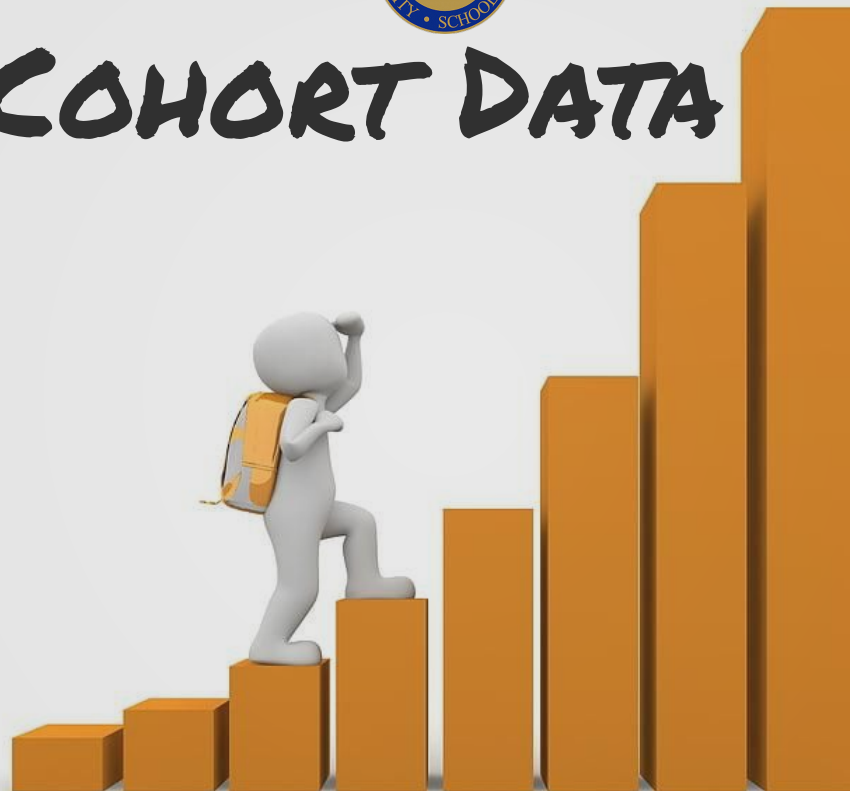




COHORT DATA



YEAR TO YEAR PERFORMANCE

October 19, 2023

CCS Strategic Plan

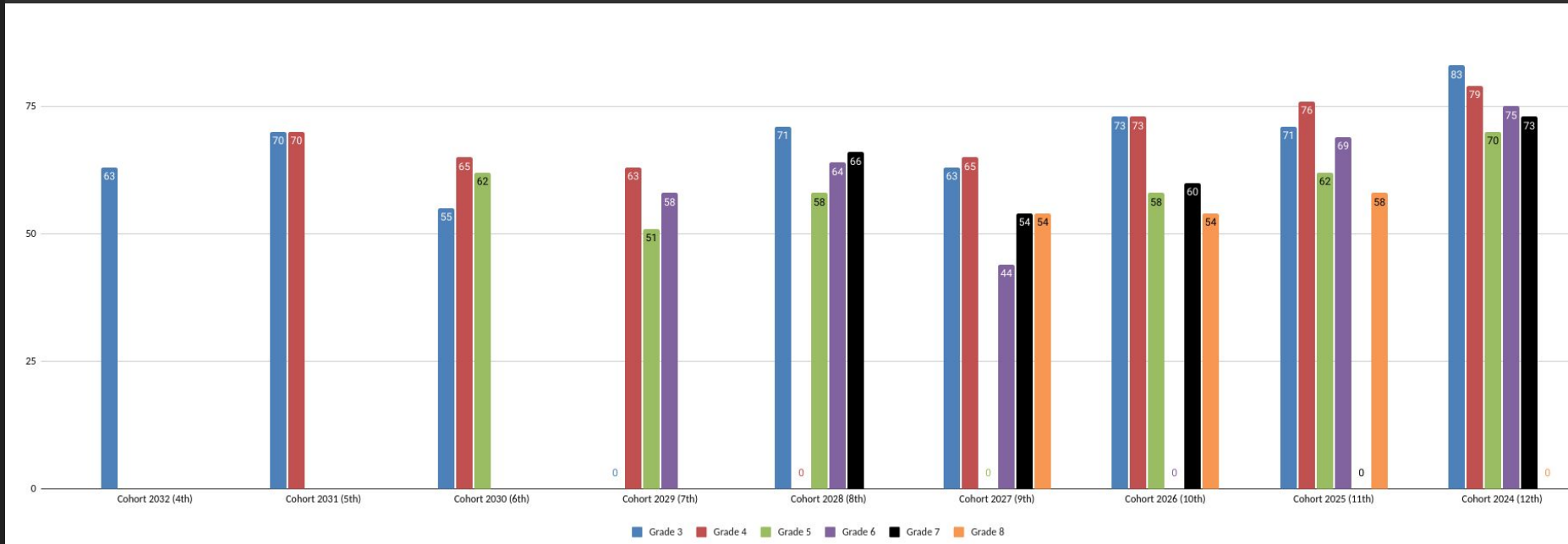
2023 - 2028

Priority 1:

Increase Academic Achievement

- Increase Reading and Math achievement for all students across all student membership groups.

Reading SOL Pass Rates (Unadjusted) - 75% State Benchmark



Year to Year Reading Performance by Cohort:

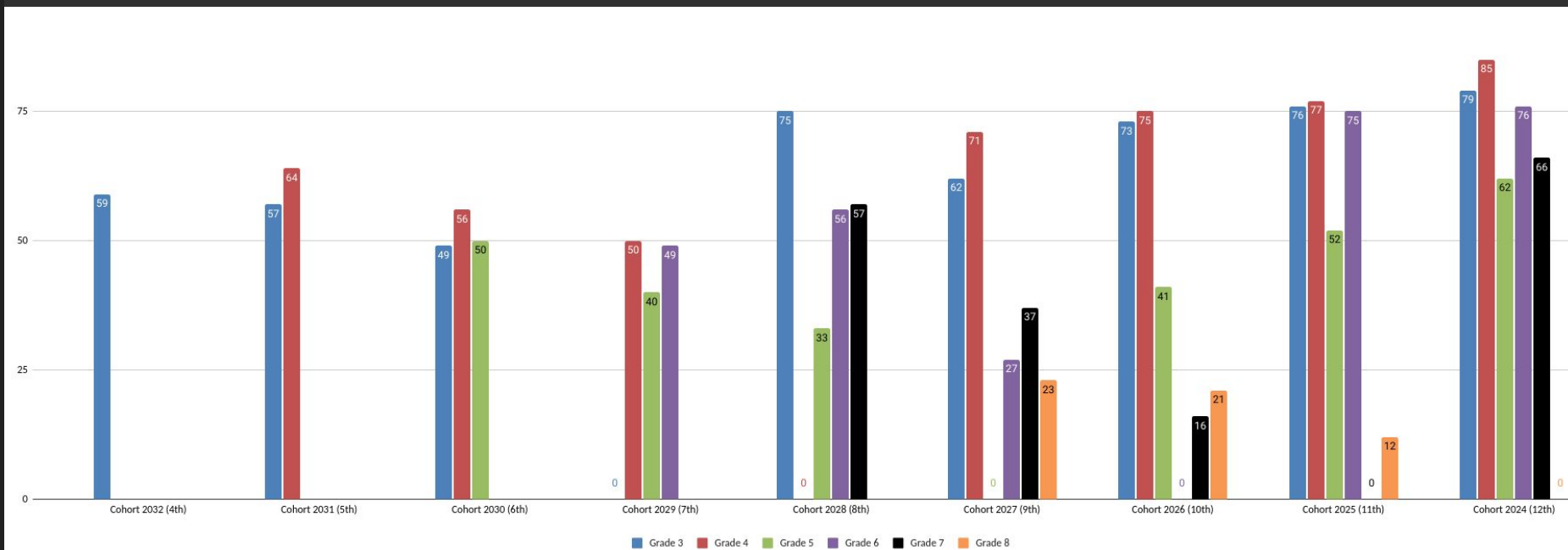
- Current grade level is in parentheses
- The “0” represents the 19-20 school year - No Testing due to school closures
- Starting with the 2029 cohort, the bar after the “0” represents the 20-21 school year. Those results reflect reduced student participation in state reading assessments due to COVID-19. The wide variations in participation rates and learning conditions should be taken into consideration when reviewing 2020-2021 data.

Reading Pass Rate	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Current year (23-24)						
Cohort 2032 (4th)	63					
Cohort 2031 (5th)	70	70				
Cohort 2030 (6th)	55**	65	62			
Cohort 2029 (7th)	2020 NT	63**	51	58		
Cohort 2028 (8th)	71	2020 NT	58**	64	66	
Cohort 2027 (9th)	63	65	2020 NT	44**	54	54
Cohort 2026 (10th)	73	73	58	2020 NT	60**	54
Cohort 2025 (11th)	71	76	62	69	2020 NT	58**
Cohort 2024 (12th)	83	79	70	75	73	2020 NT

Year to Year Reading Performance by Cohort:

- Current grade level is in parentheses
- 2020 NT represents - No Testing due to school closures
- Starting with the 2029 cohort, that *pass rate*** represents the 20-21 school year. Those results reflect reduced student participation in state reading assessments due to COVID-19. The wide variations in participation rates and learning conditions should be taken into consideration when reviewing 2020-2021 data.

Mathematics SOL Pass Rates (Unadjusted) - 70% State Benchmark



Year to Year Mathematics Performance by Cohort:

- Current grade level is in parentheses
- Grades 7 & 8 do not include Algebra I and Geometry pass rates
- The “0” represents the 19-20 school year - No Testing due to school closures
- Starting with the 2029 cohort, the bar after the “0” represents the 20-21 school year. Those results reflect reduced student participation in state reading assessments due to COVID-19. The wide variations in participation rates and learning conditions should be taken into consideration when reviewing 2020-2021 data.

Math Pass Rate	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Current year (23-24)						
Cohort 2032 (4th)	59					
Cohort 2031 (5th)	57	64				
Cohort 2030 (6th)	49**	56	50			
Cohort 2029 (7th)	2020 NT	50**	40	49		
Cohort 2028 (8th)	75	2020 NT	33**	56	57	
Cohort 2027 (9th)	62	71	2020 NT	27**	37	23
Cohort 2026 (10th)	73	75	41	2020 NT	16**	21
Cohort 2025 (11th)	76	77	52	75	2020 NT	12**
Cohort 2024 (12th)	79	85	62	76	66	2020 NT

Year to Year Mathematics Performance by Cohort:

- Current grade level is in parentheses
- Grades 7 & 8 do not include Algebra I and Geometry pass rates
- 2020 NT represents - No Testing due to school closures
- Starting with the 2029 cohort, that *pass rate*** represents the 20-21 school year. Those results reflect reduced student participation in state reading assessments due to COVID-19. The wide variations in participation rates and learning conditions should be taken into consideration when reviewing 2020-2021 data.

NWEA MAP Growth Data

Fall 2022 to Fall 2023 Comparison

MAP Growth Assessment

Some assessments, like the SOLs, are **criterion-referenced** and compare student performance to strict performance criteria. In these tests, student performance is determined to be acceptable, or not (pass/fail), relative to a strict performance criteria or 'cut score'. Student success is independent of every other person taking the test.

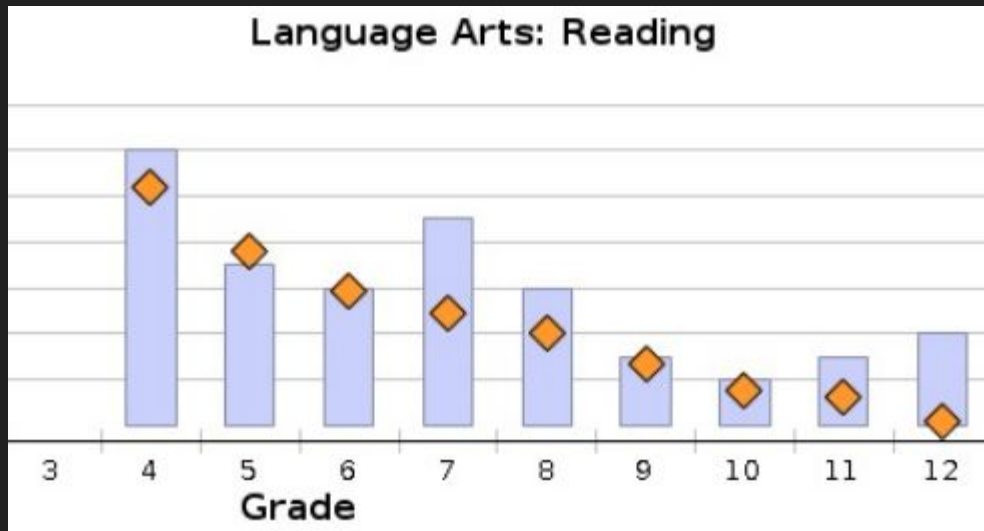
Other assessments are **norm-referenced**. With norm-referenced tests, student performance is reported in terms of how they compared to others.

Instead of declaring a student 'proficient', 'advanced', or 'below basic', **norm-referenced** tests typically tell you how the students' performance compared to the rest of the students who took the test by providing the **percentile score**. This number tells what percent of their peers did better or worse than they did on the test. **MAP is a norm-referenced test.**

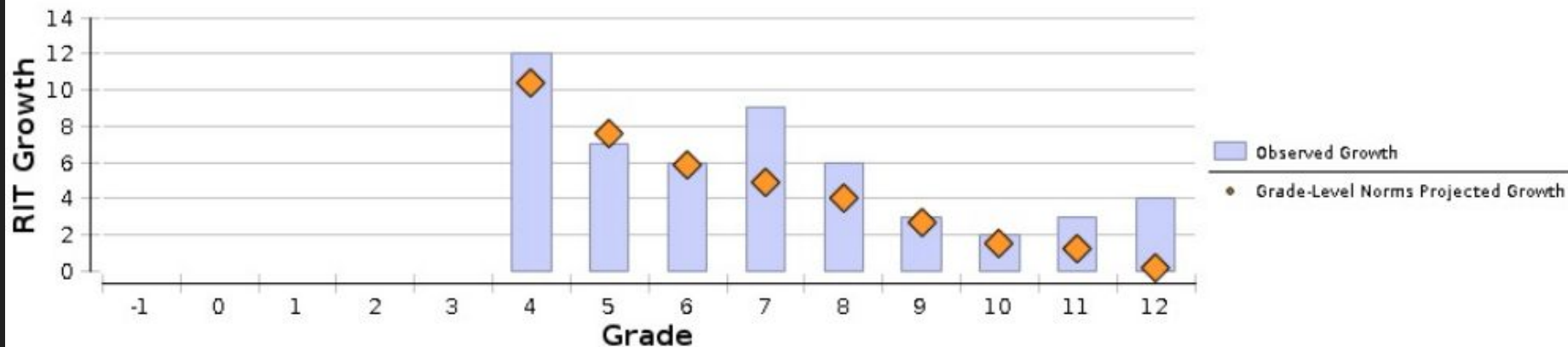
That means, MAP Growth tests tell you how every child's performance compares to that of the millions of other students in the same grade from across the country who have taken the MAP Growth tests in each content area.

Reading Growth Highlights

- Grades 4, 6-8 and 9-12 met or exceeded their projected growth.
- The grade 4 cohort achievement percentile increased from 64 to 72, performing better than 72% of other 4th-graders across the country AND ranking in the 80th percentile for the amount of growth made.
- The grade 7 cohort achievement percentile increased from 34 to 59, ranking in the 99th percentile for the amount of growth made.
- The grade 8 cohort achievement percentile increased from 60 to 67, ranking in the 86th percentile for the amount of growth made.



Language Arts: Reading

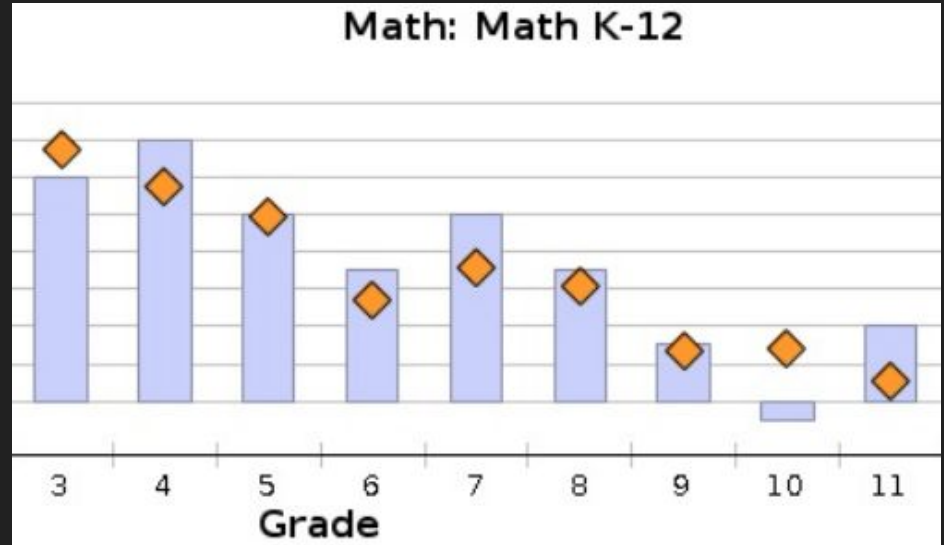


Language Arts: Reading

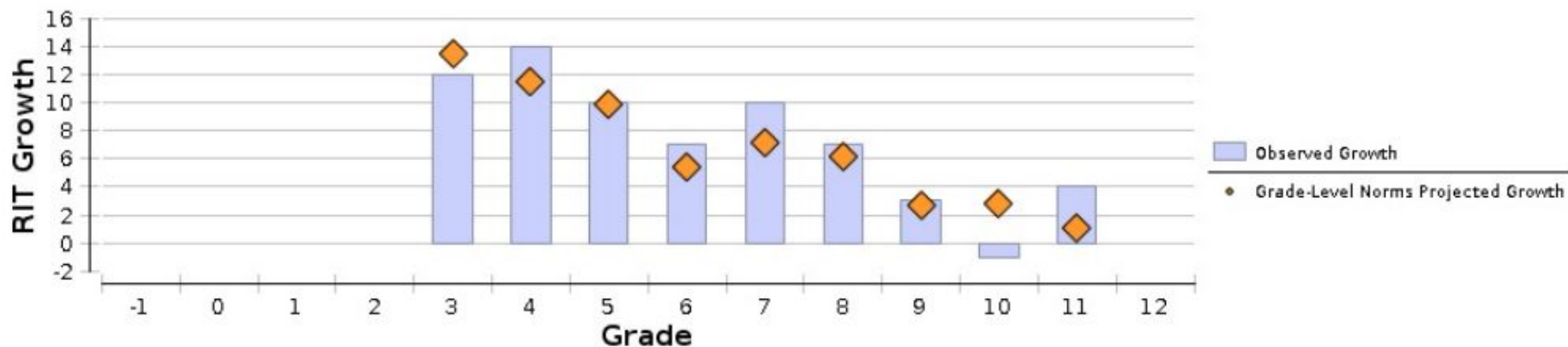
Grade (Fall 2023)	Total Number of Growth Events†	Comparison Periods							Growth Evaluated Against							
		Fall 2022			Fall 2023			Growth		Grade-Level Norms			Student Norms			
		Mean RIT Score	Standard Deviation	Achievement Percentile	Mean RIT Score	Standard Deviation	Achievement Percentile	Observed Growth	Observed Growth SE	Projected School Growth	School Conditional Growth Index	School Conditional Growth Percentile	Number of Students With Growth Projections	Number of Students Who Met Their Growth Projection	Percentage of Students Who Met Growth Projection	Student Median Conditional Growth Percentile
-1	0	**			**			**					**			
0	0	**			**			**					**			
1	0	**			**			**					**			
2	0	**			**			**					**			
3	0	**			**			**					**			
4	262	188.0	21.1	64	200.0	20.2	72	12	0.6	10.4	0.85	80	262	158	60	55
5	253	201.3	20.0	78	207.8	20.2	72	7	0.6	7.6	-0.73	23	253	125	49	47
6	241	205.4	21.1	59	211.0	21.1	58	6	0.5	5.9	-0.17	43	241	125	52	50
7	204	206.7	19.7	34	215.5	18.8	59	9	0.7	4.9	2.40	99	204	153	75	68
8	247	215.6	20.3	60	221.2	20.2	67	6	0.6	4.1	1.08	86	247	161	65	63
9	202	214.9	21.0	37	217.9	21.7	47	3	0.6	2.7	0.19	57	202	107	53	51
10	213	226.1	20.4	78	227.7	20.3	78	2	0.6	1.6	0.02	51	213	105	49	52
11	202	226.5	22.3	73	229.8	22.4	79	3	0.6	1.2	1.31	90	202	121	60	59
12	94	218.6	20.6	28	222.1	21.3	43	4	1.1	0.2	1.94	97	94	58	62	68

Math Growth Highlights

- Grades 4-9 met or exceeded their projected growth.
- The grade 4 cohort's achievement percentile increased from 47 to 61, performing better than 61% of other 4th-graders across the country AND rank in the 90th percentile for the amount of growth made.
- The grade 6 cohort's achievement percentile increased from 39 to 45, ranking in the 79th percentile for the amount of growth made.
- The grade 7 cohort's achievement percentile increased from 26 to 47, ranking in the 93rd percentile for the amount of growth made.
- The grade 8 cohort's achievement percentile increased from 57 to 65, performing better than 65% of other 8th-graders across the country.



Math: Math K-12



Math: Math K-12

		Comparison Periods								Growth Evaluated Against							
		Fall 2022			Fall 2023			Growth		Grade-Level Norms			Student Norms				
Grade (Fall 2023)	Total Number of Growth Events†	Mean RIT Score	Standard Deviation	Achievement Percentile	Mean RIT Score	Standard Deviation	Achievement Percentile	Observed Growth	Observed Growth SE	Projected School Growth	School Conditional Growth Index	School Conditional Growth Percentile	Number of Students With Growth Projections	Number of Students Who Met Their Growth Projection	Percentage of Students Who Met Growth Projection	Student Median Conditional Growth Percentile	
-1	0	**			**			**					**				
0	0	**			**			**					**				
1	0	**			**			**					**				
2	2	*			*			*					*				
3	280	175.3	17.5	60	187.0	18.5	47	12	0.5	13.5	-0.98	16	280	125	45	43	
4	265	186.9	18.0	47	200.5	18.6	61	14	0.4	11.5	1.31	90	265	177	67	61	
5	259	199.5	20.1	55	209.5	20.5	56	10	0.4	9.8	0.13	55	259	137	53	52	
6	239	206.4	21.8	39	213.2	22.1	45	7	0.5	5.4	0.79	79	239	136	57	56	
7	209	209.2	19.7	26	219.0	22.2	47	10	0.6	7.1	1.51	93	209	141	67	64	
8	239	221.2	21.3	57	228.1	23.8	65	7	0.5	6.2	0.42	66	239	139	58	54	
9	184	212.1	17.2	10	215.1	18.2	13	3	0.7	2.6	0.18	57	184	97	53	52	
10	103	213.7	15.7	11	213.1	17.2	6	-1	0.8	2.8	-1.90	3	103	36	35	32	
11	17	194.6	15.4	1	198.7	10.7	1	4	2.0	1.1	1.77	96	17	11	65	74	
12	8	*			*			*					*				