

Colon Community Schools

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Home of the Magi



98B Benchmark Reporting Requirements Board Update for February 27, 2023

Overall Observation:

- While most students are experiencing growth, it is not at the pace of reaching grade level mastery

Celebrations:

- Kindergarten
- Elementary math
- High school ELA
- Secondary science

Interventions & Response To Data:

- Close Reading
 - Interesting gaps with males v. females – leadership team will look at recent research on gender gaps
 - Staff Meetings February 27 (CES) and next Monday (CHS) to discuss how all content areas will respond to data
 - teachers to create plans for bubble students
 - Coming soon – PLC implementation districtwide, per Strategic Plan goals
-

Student achievement norms

The norms in the tables below have a very straightforward interpretation. For example, in the achievement norms for reading, grade 2 students in the fall had a mean score of 172.35 and a standard deviation of 15.19. To get a sense of how much variation there was, the SD of 15.19 can be subtracted from the mean and added to the mean to produce a range of about 157-188. Since the norms are based on the bell curve, we know that 68% of all grade 2 reading scores are expected to fall within this range.

2020 Reading Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	136.65	12.22	146.28	11.78	153.09	12.06
1	155.93	12.66	165.85	13.21	171.40	14.19
2	172.35	15.19	181.20	15.05	185.57	15.49
3	186.62	16.65	193.90	16.14	197.12	16.27
4	196.67	16.78	202.50	16.25	204.83	16.31
5	204.48	16.38	209.12	15.88	210.98	15.97
6	210.17	16.46	213.81	15.98	215.36	16.03
7	214.20	16.51	217.09	16.21	218.36	16.38
8	218.01	17.04	220.52	16.69	221.66	16.87
9	218.90	19.02	220.52	18.73	221.40	19.03
10	221.47	17.92	222.91	17.81	223.51	18.20
11	223.53	17.73	224.64	17.80	224.71	18.50
12	223.80	19.32	223.85	21.21	224.33	23.08

2020 Mathematics Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
K	139.56	12.45	150.13	11.94	157.11	12.03
1	160.05	12.43	170.18	12.59	176.40	13.18
2	175.04	12.98	184.07	13.01	189.42	13.44
3	188.48	13.45	196.23	13.64	201.08	14.11
4	199.55	14.40	206.05	14.90	210.51	15.56
5	209.13	15.19	214.70	15.88	218.75	16.70
6	214.75	16.12	219.56	16.74	222.88	17.47
7	220.21	17.41	224.04	17.96	226.73	18.60
8	224.92	18.94	228.12	19.33	230.30	19.95
9	226.43	19.83	228.67	20.06	230.03	20.63
10	229.07	20.23	231.21	20.61	232.42	21.25
11	231.72	20.61	233.49	20.91	234.25	21.65
12	233.02	21.60	233.31	23.07	234.19	24.63

2020 Language Usage Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
2	173.98	16.06	183.83	15.40	188.40	15.89
3	187.71	15.33	195.14	14.64	198.32	14.65
4	197.33	15.10	202.87	14.44	205.00	14.33
5	204.17	14.55	208.45	13.98	210.19	13.90
6	209.43	14.35	212.81	13.92	214.19	13.94
7	212.65	14.72	215.28	14.39	216.47	14.42
8	215.54	14.74	217.73	14.45	218.74	14.56
9	216.68	15.52	218.18	15.30	219.00	15.51
10	218.82	15.10	220.19	15.11	220.86	15.45
11	220.66	14.94	221.86	14.98	222.33	15.53

2020 General Science Student Achievement Norms						
Grade	Fall		Winter		Spring	
	Mean	SD	Mean	SD	Mean	SD
2	177.70	13.43	184.59	12.35	187.87	12.46
3	187.84	12.25	193.29	11.63	195.88	11.76
4	194.65	11.68	199.15	11.50	201.22	11.75
5	200.23	11.77	204.30	11.72	206.17	12.12
6	203.86	12.04	207.26	12.02	208.47	12.41
7	206.56	12.65	209.50	12.73	210.61	13.17
8	209.64	13.25	212.41	13.17	213.44	13.64
9*	211.40	14.10	213.42	14.17	213.99	14.72
10*	213.24	14.26	214.95	14.42	215.29	15.07

* These science status norms describe the distributions of achievement in general science academic skills and content knowledge for the relevant student populations for these grades and are useful for screening and placement purposes. Test results should not be used to evaluate performance where science content is more specialized, such as in topically differentiated high school science courses (e.g., biology, chemistry, physics).

Colon Community Schools

Sec. 98b Goal Reporting

Required by February 28, 2023

Note: many of our subgroups are far under ten (10) students so we only were able to desegrate by gender.

Goal Category	Goal Related to Achievement or Growth on K - 8 Benchmarks
End of the Year Reading Goal	Students will increase their achievement level in grades K-8
End of the Year Mathematics Goal	Students will increase their achievement level in grades K-8

Kindergarten

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	58%	76%
Female	60%	64%
Male	57%	85%

1st Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	37%	36%
Female	42%	26%
Male	31%	50%

2nd Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	30%	41%
Female	31%	38%
Male	29%	43%

3rd Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	28%	17%
Female	19%	20%
Male	35%	15%

4th Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	38%	17%
Female	33%	19%
Male	43%	14%

5th Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	40%	29%
Female	36%	21%
Male	43%	33%

6th Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	27%	35%
Female	26%	33%
Male	29%	36%

7th Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	26%	24%
Female	38%	46%
Male	21%	14%

8th Grade

Reporting Category	Winter- Students at or above grade level	
	Reading	Math
All Students	48%	32%
Female	23%	23%
Male	71%	40%



Student Growth Summary Report

Aggregate by School

Term: Winter 2022-2023
 District: Colon Community Schools

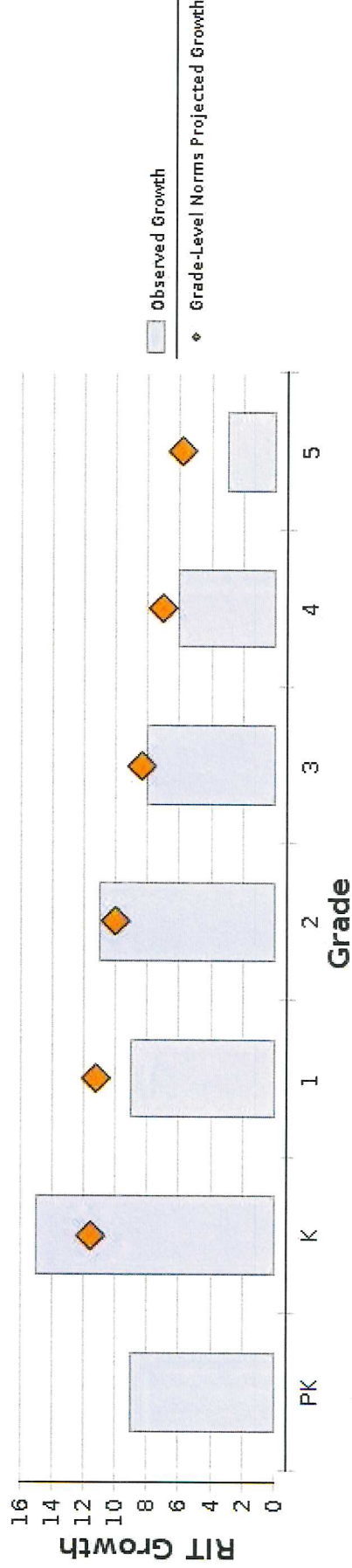
Norms Reference Data: 2020 Norms,
 Fall 2022 - Winter 2023
 Growth Comparison Period:
 Weeks of Instruction: Start - 4 (Fall 2022)
 End - 22 (Winter 2023)
 Grouping: None
 Small Group Display: No

Colon Elementary

Math: Math K-12

Grade (Winter 2023)	Comparison Periods				Growth			Growth Evaluated Against					
	Fall 2022		Winter 2023		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	Student Norms of Percentage Students Who Met Growth Projection	Student Median Conditional Growth Percentile
PK	136.3	5.7	145.3	10.1	9	2.9	11.5	2.22	99	0	18	58	71
K	142.5	9.1	157.2	8.1	15	1.4	11.2	-1.38	8	31	10	32	31
1	160.7	11.8	169.7	11.0	9	1.0	10.0	0.34	63	34	19	56	51
2	174.0	10.0	184.5	11.3	11	1.2	8.3	0.06	53	33	16	48	39
3	178.1	13.3	186.5	13.7	8	1.0	7.0	-0.61	27	40	14	35	33
4	192.3	12.9	198.5	11.5	6	1.2	5.9	-2.18	1	35	13	37	27
5	202.6	14.5	205.2	14.1	3	1.3							

Math: Math K-12



Explanatory Notes

** Calculations not provided because students have no MAP results in at least one of the terms. The Growth Count is zero.
 ‡ Growth Count provided reflects students with MAP results in both the Start and End terms. Observed Growth calculation is based on that student data.



Student Growth Summary Report

Aggregate by School

Term: Winter 2022-2023
 District: Colon Community Schools

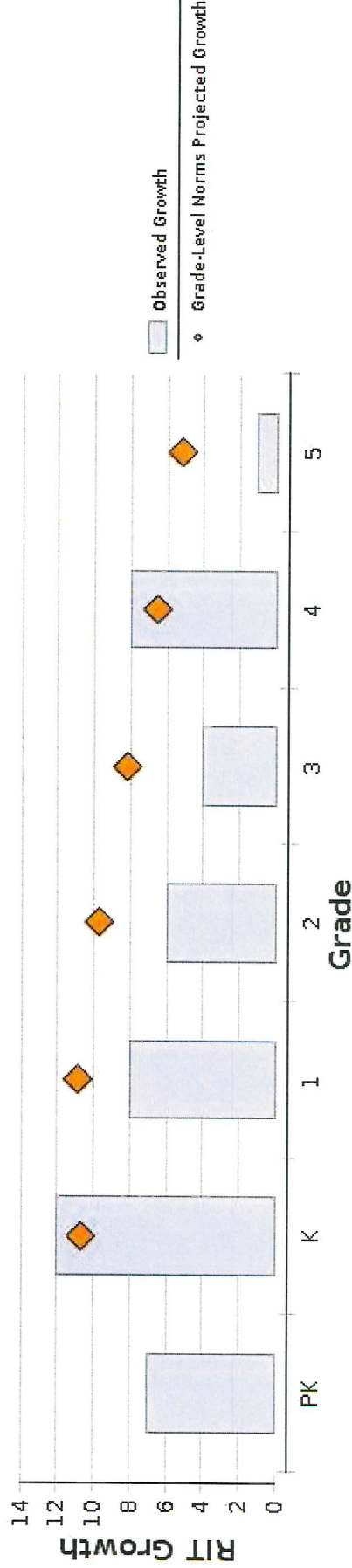
Norms Reference Data: 2020 Norms.
 Growth Comparison Period: Fall 2022 - Winter 2023
 Weeks of Instruction: Start - 4 (Fall 2022)
 End - 22 (Winter 2023)
 Grouping: None
 Small Group Display: No

Colon Elementary

Language Arts:
 Reading

Grade (Winter 2023)	Total Number of Growth Events†	Comparison Periods				Growth		Grade-Level Norms			Growth Evaluated Against			
		Fall 2022		Winter 2023		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	Student Norms of Students Who Met Growth Projection	Student Median Conditional Growth Percentile
PK	12	135.8	5.0	143.1	5.4	7	1.4	10.6	0.80	79	0	21	62	65
K	34	138.9	7.6	150.8	10.2	12	1.8	10.8	-1.63	5	34	14	42	30
1	33	154.0	10.5	162.2	13.4	8	1.2	9.7	-2.40	1	33	12	34	28
2	35	170.9	11.0	176.7	12.4	6	1.3	8.1	-3.03	1	35	9	26	22
3	34	180.1	17.2	184.1	17.1	4	1.5	6.5	1.27	90	40	24	60	68
4	40	191.9	12.2	200.1	13.4	8	1.3	5.2	-3.21	1	35	11	31	14
5	35	200.7	16.1	201.8	16.2	1	1.8							

Language Arts: Reading



Explanatory Notes

** Calculations not provided because students have no MAP results in at least one of the terms. The Growth Count is zero.
 †Growth Count provided reflects students with MAP results in both the Start and End terms. Observed Growth calculation is based on that student data.

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Aggregate by School

Term: Winter 2022-2023
 District: Colon Community Schools

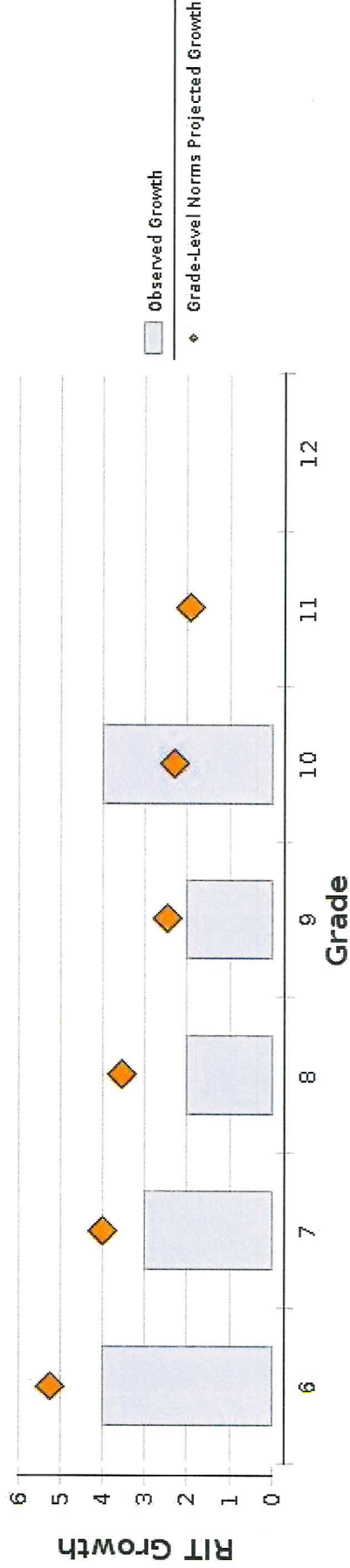
2020 Norms.
 Norms Reference Data: Fall 2022 - Winter 2023
 Growth Comparison Period: Start - 4 (Fall 2022)
 Weeks of Instruction: End - 22 (Winter 2023)
 Grouping: None
 Small Group Display: No

Colon High School

Math: Math K-12

Grade (Winter 2023)	Comparison Periods				Growth			Growth Evaluated Against									
	Fall 2022		Winter 2023		Observed Growth	Observed Growth SE	Projected School Growth	School Conditional Growth Index	School Conditional Growth Percentile	Number of Students With Growth Projections	Number of Percentage of Students Who Met Their Growth Projection	Student Median Conditional Growth Percentile					
6	38	210.3	15.8	28	214.2	15.3	23	4	1.1	5.2	-0.94	17	38	15	39	35	
7	37	210.1	14.8	12	213.4	15.3	11	3	1.1	4.0	-0.54	30	37	18	49	46	
8	27	221.9	16.7	38	223.5	15.3	31	2	1.1	3.5	-1.26	10	27	11	41	37	
9	46	223.8	14.9	40	225.7	17.1	37	2	1.0	2.5	-0.47	32	46	21	46	45	
10	34	221.0	16.3	22	224.6	16.2	26	4	1.3	2.3	0.99	84	34	19	56	55	
11	26	232.5	17.0	53	232.4	16.8	45	0	2.8	1.9	-1.57	6	26	7	27	34	
12	0	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

Math: Math K-12





Student Growth Summary Report

Aggregate by School

Term: Winter 2022-2023
 District: Colon Community Schools

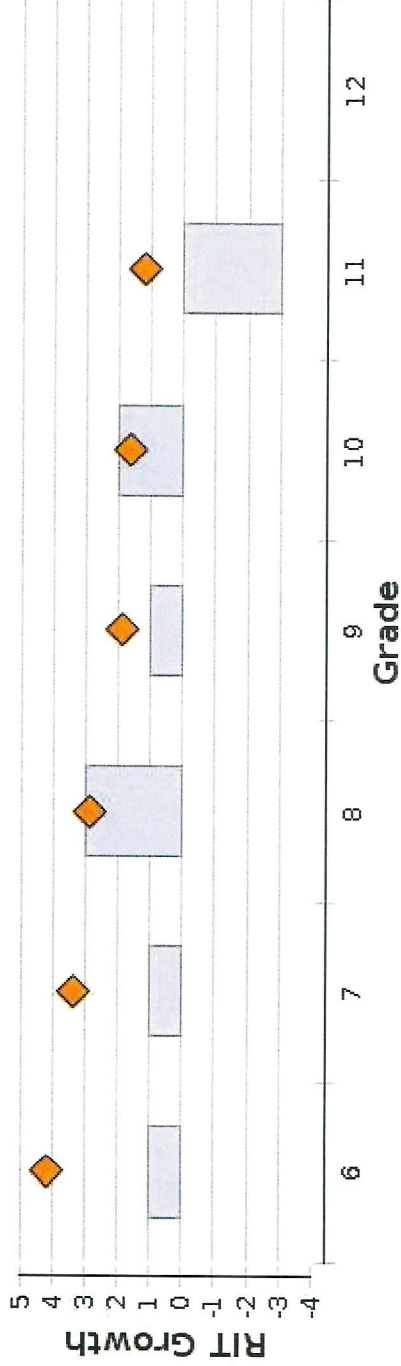
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 Growth Comparison Period: Fall 2022 - Winter 2023
 Weeks of Instruction: Start - 4 (Fall 2022)
 End - 22 (Winter 2023)
 Grouping: None
 Small Group Display: No

Colon High School

Language Arts:
 Reading

Grade (Winter 2023)	Comparison Periods				Growth		Grade-Level Norms		Growth Evaluated Against		Student Norms						
	Fall 2022		Winter 2023		Observed Growth	Observed Growth SE	Projected School Growth	School Conditional Growth Index	School Growth Percentile	Number of Students With Growth Projections		Number of Percentage of Students Who Met Their Growth Projection	Student Median Conditional Growth Percentile				
6	40	205.9	13.4	28	207.0	13.0	15	1	1.1	4.1	-2.71	1	40	15	38	24	
7	37	206.3	16.6	14	207.1	14.6	8	1	1.6	3.4	-2.28	1	37	18	49	37	
8	34	214.7	17.8	34	217.7	17.1	35	3	1.9	2.8	0.12	55	27	13	48	42	
9	46	215.8	14.0	37	216.4	13.8	32	1	1.6	1.9	-1.01	16	46	18	39	32	
10	32	218.8	16.1	38	220.3	15.3	37	2	1.3	1.6	-0.12	45	32	18	56	61	
11	26	219.7	15.4	32	216.6	18.2	16	-3	2.6	1.2	-3.07	1	26	10	38	41	
12	0	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

Language Arts: Reading



Explanatory Notes

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Student Growth Summary Report

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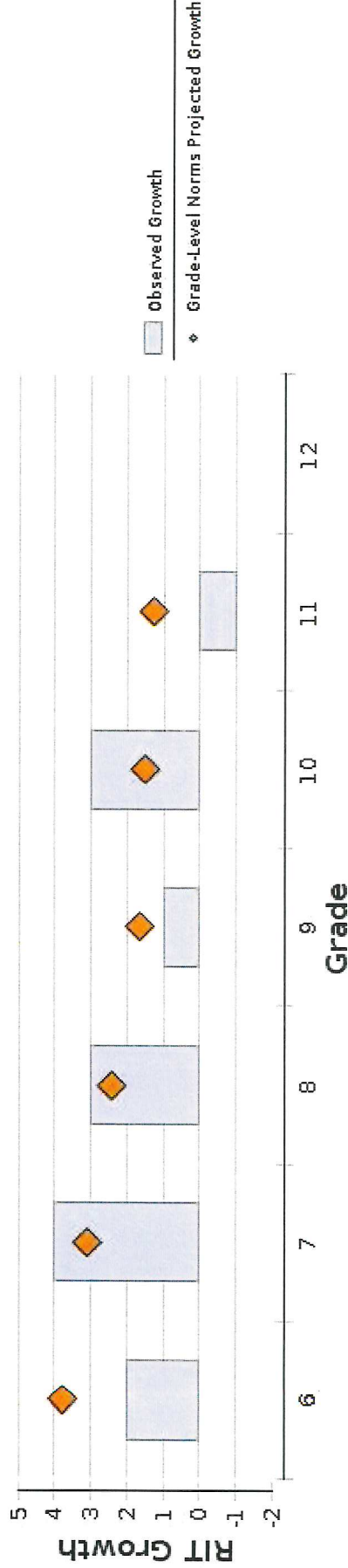
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Start - 4 (Fall 2022)
End - 22 (Winter 2023)
None
No

Colon High School

Language Arts:
Language Usage

Grade (Winter 2023)	Comparison Periods				Growth		Grade-Level Norms		Growth Evaluated Against		Student Median Conditional Growth Percentile					
	Fall 2022	Winter 2023			Observed Growth	Observed Growth SE	Projected School Growth	School Conditional Growth Index	School Growth Percentile	Number of Students With Growth Projections		Number of Students Who Met Their Growth Projection	Student Norms of Students Who Met Growth Projection			
6	41	203.5	14.5	17	205.8	15.1	12	2	1.2	3.8	-1.63	5	41	21	51	47
7	37	203.1	15.8	8	207.2	16.8	11	4	2.2	3.1	1.15	87	37	21	57	60
8	27	213.9	16.3	40	216.8	15.8	43	3	1.4	2.4	0.48	69	27	14	52	47
9	47	217.6	11.9	55	219.0	13.0	54	1	1.2	1.6	-0.27	39	47	26	55	50
10	32	217.2	12.6	40	220.4	11.0	50	3	1.4	1.5	1.86	97	32	22	69	59
11	26	222.0	17.5	58	221.2	16.1	45	-1	2.5	1.3	-1.90	3	26	12	46	39
12	0	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**

Language Arts: Language Usage



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Student Growth Summary Report

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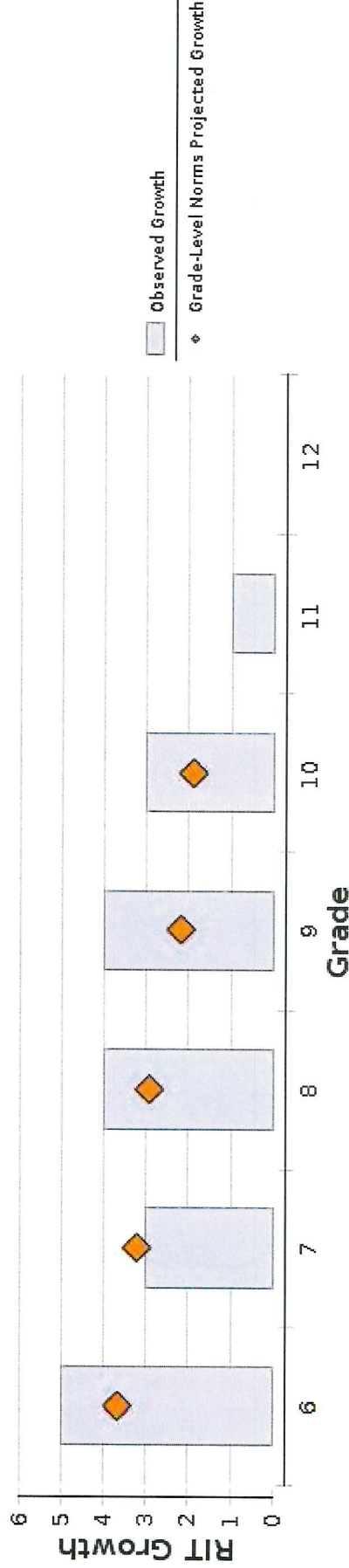
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 Small Group Display: No

Colon High School

Science: Science K-12

Grade (Winter 2023)	Comparison Periods				Growth		Growth Evaluated Against		Student Norms							
	Fall 2022		Winter 2023		Observed Growth	Observed Growth SE	Projected School Growth	Grade-Level Norms								
6	Mean RIT Score	203.6	Standard Deviation	10.7	208.2	11.8	54	5	1.1	3.7	0.67	75	39	25	64	67
7	Mean RIT Score	204.7	Standard Deviation	13.5	207.9	12.1	38	3	1.4	3.2	-0.02	49	37	22	59	51
8	Mean RIT Score	213.0	Standard Deviation	12.0	216.8	10.7	74	4	1.2	2.9	0.65	74	26	15	58	57
9	Mean RIT Score	210.9	Standard Deviation	11.4	215.3	10.0	60	4	1.1	2.2	1.50	93	39	27	69	62
10	Mean RIT Score	215.1	Standard Deviation	9.7	217.9	9.1	65	3	0.9	1.9	0.74	77	32	20	63	60
11	Mean RIT Score	217.7	Standard Deviation	10.9	219.0	13.9	**	1	1.8	0	**	**	0	**	**	**
12	Total Number of Growth Events†	39	Achievement Percentile	48	208.2	11.8	54	5	1.1	3.7	0.67	75	39	25	64	67
		37	Achievement Percentile	38	207.9	12.1	38	3	1.4	3.2	-0.02	49	37	22	59	51
		26	Achievement Percentile	70	216.8	10.7	74	4	1.2	2.9	0.65	74	26	15	58	57
		39	Achievement Percentile	47	215.3	10.0	60	4	1.1	2.2	1.50	93	39	27	69	62
		32	Achievement Percentile	61	217.9	9.1	65	3	0.9	1.9	0.74	77	32	20	63	60
		24	Achievement Percentile	**	219.0	13.9	**	1	1.8	0	**	**	0	**	**	**
		0	Achievement Percentile	**	**	**	**	**	**	**	**	**	**	**	**	**

Science: Science K-12



Explanatory Notes

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