MEASURES OF ACADEMIC PROGRESS

Data Interpretation & Review
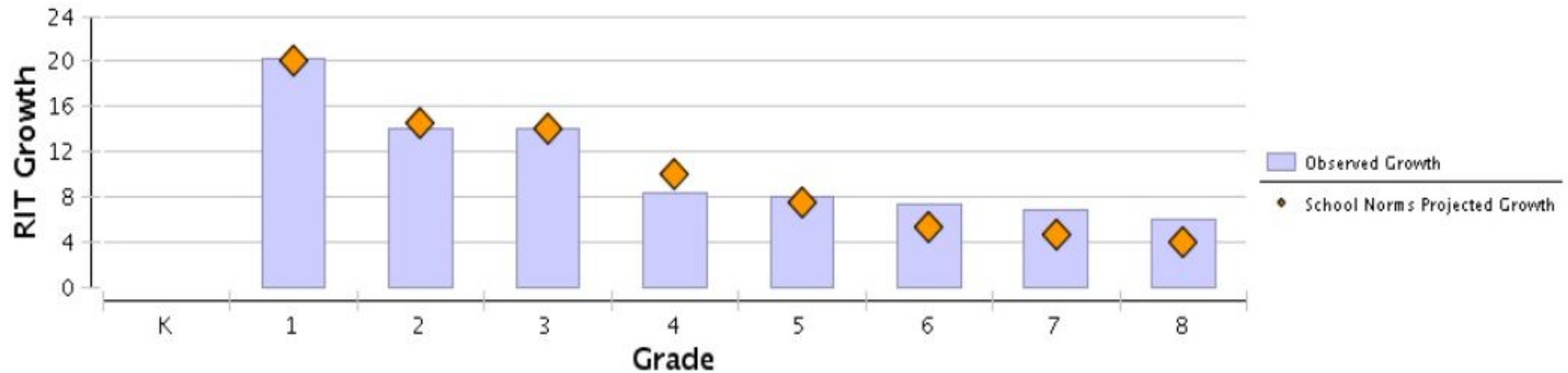
Fall 2016 - Fall 2017

BASICS OF MAP

- It is a widely used measure with heavy data analysis and normative information
- It is adaptive to a student's performance
- Scores are norm referenced; not criterion referenced
- Goal of MAP is to measure progress using two features:
  - RIT (Or Rasch Unit)
  - National Percentile Rankings based on grade level norms

- ANCS Teachers and Administration use the information from MAP using three lenses:
  - School wide review of growth
  - Grade level review of growth
  - Individual student progress

- MAP data is not used in grading but does support our identification of students who may need extra support or further enrichment.

Atlanta Neighborhood Charter School

Reading

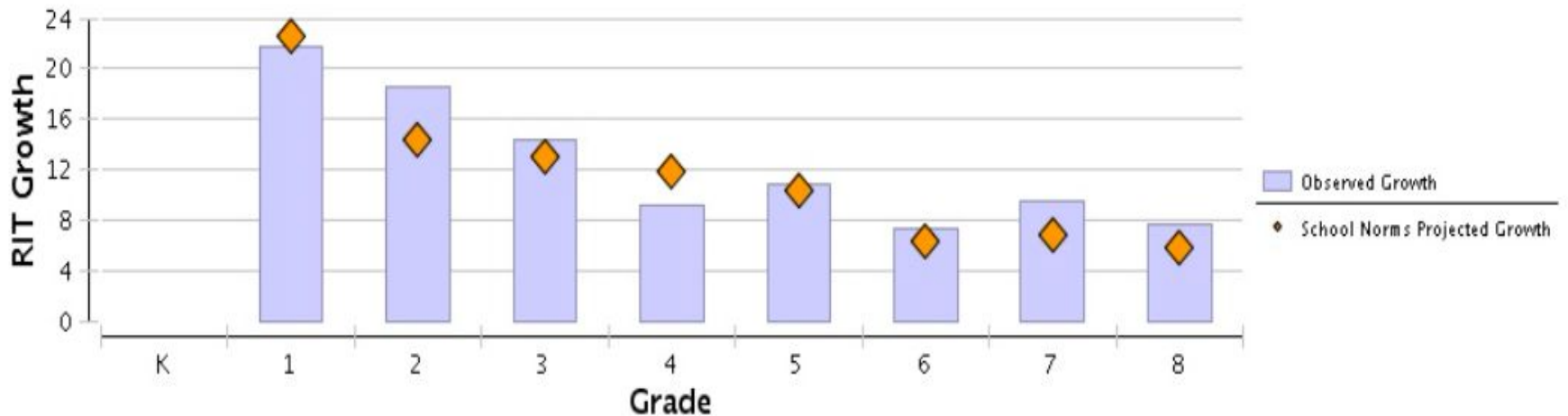| Grade (Fall 2017) | Growth Count‡ | Comparison Periods | | | | | | | | Growth Evaluated Against | | | | | | |
		Fall 2016			Fall 2017			Growth		School Norms			Student Norms			
		Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile
K	0	**			**			**					**			
1	63	148.4	10.3	89	168.7	12.9	92	20.2	1.1	20.1	0.06	53	63	34	54	52
2	66	167.5	12.0	88	181.5	15.1	86	14.0	1.3	14.5	-0.14	45	66	34	52	53
3	65	183.9	16.7	92	197.9	12.6	92	14.0	1.4	14.0	0.00	50	65	30	46	44
4	65	197.2	14.3	91	205.5	14.3	87	8.3	1.0	10.0	-0.84	20	65	30	46	43
5	66	207.7	14.4	93	215.7	12.8	94	8.0	1.1	7.5	0.31	62	66	40	61	57
6	65	212.5	15.0	86	220.0	14.3	92	7.4	1.1	5.3	1.39	92	65	40	62	57
7	76	217.5	15.7	85	224.4	14.3	94	6.9	0.8	4.7	1.20	88	76	57	75	66
8	73	223.2	12.3	91	229.2	11.7	95	6.0	0.8	4.0	1.21	89	73	51	70	68

FALL 2016 TO FALL 2017 GROWTH IN MATH
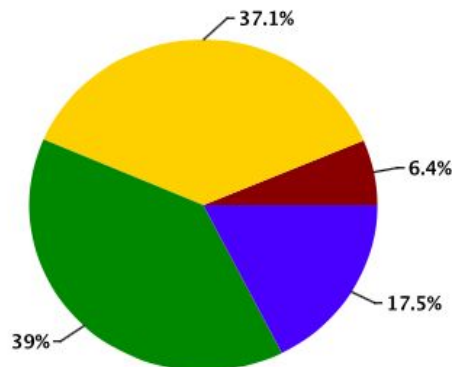
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Mathematics

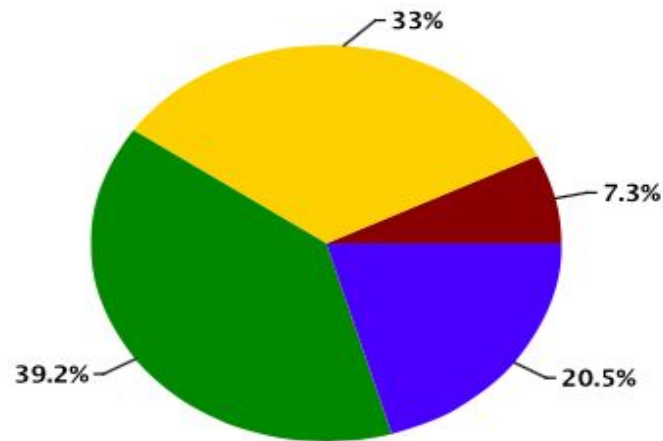| Grade (Fall 2017) | Growth Count‡ | Comparison Periods | | | | | | | | Growth Evaluated Against | | | | | | |
		Fall 2016			Fall 2017			Growth		School Norms			Student Norms			
		Mean RIT	SD	Percentile	Mean RIT	SD	Percentile	Observed Growth	Observed Growth SE	Projected Growth	School Conditional Growth Index	School Conditional Growth Percentile	Count with Projection	Count Met Projection	Percent Met Projection	Student Median Conditional Growth Percentile
K	0	**			**			**					**			
1	63	146.1	11.0	81	168.0	14.9	84	21.8	1.1	22.6	-0.19	43	63	34	54	51
2	66	165.7	14.6	72	184.2	10.5	90	18.5	1.4	14.3	1.24	89	66	45	68	65
3	65	183.6	11.8	88	197.9	9.2	90	14.3	1.0	13.1	0.49	69	65	37	57	56
4	65	197.0	9.8	87	206.1	10.8	75	9.1	0.8	11.8	-1.36	9	65	28	43	42
5	66	207.5	12.1	82	218.3	14.0	84	10.8	0.9	10.4	0.22	59	66	41	62	61
6	65	216.2	12.7	75	223.6	13.3	80	7.3	0.7	6.4	0.49	69	65	40	62	62
7	76	220.0	15.1	63	229.5	15.9	81	9.5	0.8	6.9	1.34	91	76	54	71	69
8	73	228.2	12.7	76	235.9	13.2	86	7.7	0.7	5.8	1.00	84	73	45	62	59

MILESTONES PROJECTION: MATH

Grade	Student Count	Beginning Learner		Developing Learner		Proficient Learner		Distinguished Learner	
		Count	Percent	Count	Percent	Count	Percent	Count	Percent
3	65	1	1.5%	20	30.8%	34	52.3%	10	15.4%
4	69	3	4.3%	19	27.5%	40	58.0%	7	10.1%
5	72	5	6.9%	35	48.6%	19	26.4%	13	18.1%
6	77	5	6.5%	26	33.8%	29	37.7%	17	22.1%
7	78	9	11.5%	23	29.5%	25	32.1%	21	26.9%
8	78	5	6.4%	40	51.3%	24	30.8%	9	11.5%
Total	439	28	6.4%	163	37.1%	171	39.0%	77	17.5%

MILESTONES PROJECTION: READING

Grade	Student Count	Beginning Learner		Developing Learner		Proficient Learner		Distinguished Learner	
		Count	Percent	Count	Percent	Count	Percent	Count	Percent
3	65	5	7.7%	24	36.9%	23	35.4%	13	20.0%
4	69	4	5.8%	29	42.0%	23	33.3%	13	18.8%
5	72	4	5.6%	23	31.9%	32	44.4%	13	18.1%
6	77	9	11.7%	16	20.8%	37	48.1%	15	19.5%
7	78	8	10.3%	21	26.9%	32	41.0%	17	21.8%
8	78	2	2.6%	32	41.0%	25	32.1%	19	24.4%
Total	439	32	7.3%	145	33.0%	172	39.2%	90	20.5%

How Teachers use MAP data: Grade Level view

Reading

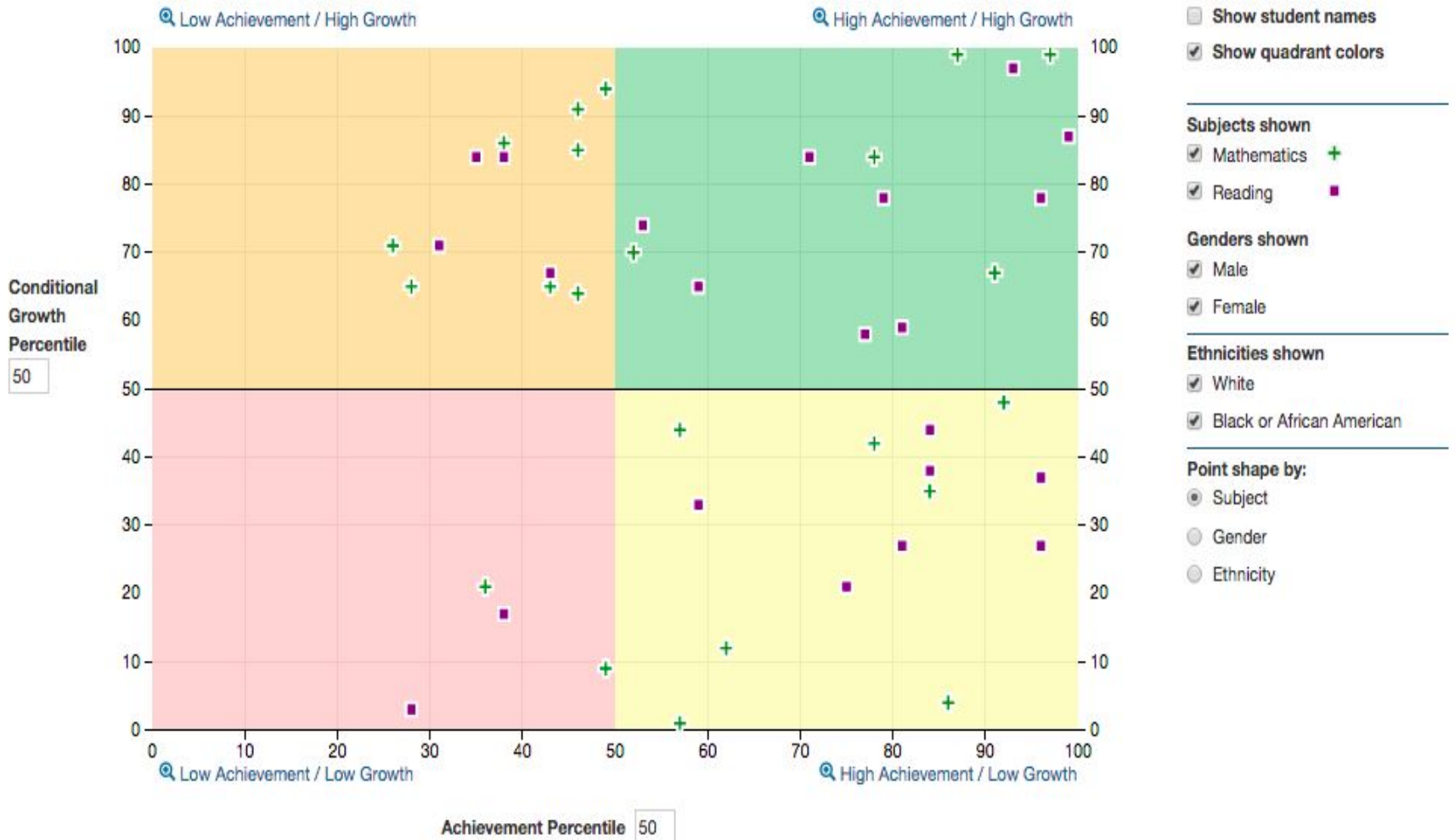**Growth: Reading 2-5 GA 2015** / GA Standards of Excellence English Language Arts: 2015

Summary	
Total Students With Valid Growth Test Scores	69
Mean RIT	205.7
Standard Deviation	14.1
District Grade Level Mean RIT	205.7
Students At or Above District Grade Level Mean RIT	34
Norm Grade Level Mean RIT	198.2
Students At or Above Norm Grade Level Mean RIT	52

	Lo %ile < 21		LoAvg %ile 21-40		Avg %ile 41-60		HiAvg %ile 61-80		HI %ile > 80		Mean RIT (+/- Smp Err)	Std Dev
Overall Performance	count	%	count	%	count	%	count	%	count	%		
Growth: Reading 2-5 GA 2015 / GA Standards of Excellence English Language Arts: 2015	4	6%	7	10%	18	26%	16	23%	24	35%	204-**206**-207	14.1

Goal Area												
Informational Text	5	7%	9	13%	13	19%	20	29%	22	32%	203-**205**-207	14.3
Literature	6	9%	8	12%	12	17%	19	28%	24	35%	204-**206**-208	15.8
Vocabulary Acquisition and Use	4	6%	5	7%	17	25%	20	29%	23	33%	205-**206**-208	14.5

Growth	3rd Grade Fall NPR	4th Grade Fall NPR
Reading	91st	87th

How Teachers use MAP data: Class view

How Teachers use MAP data: Future Growth

		Fall 2017		Winter 2018			
FA17 Grade	FA17 Date	RIT Range (+/- SEM)	Percentile Range (+/- SE)	RIT Range (+/- SEM)	Percentile Range (+/- SE)	Projected RIT	Projected Growth
2	8/15/17	164-167-170	24-31-39			177	10
2	8/15/17	197-200-203	92-95-97			207	7
2	8/15/17	170-173-176	37-46-54			183	10
2	8/15/17	185-188-192	74-80-86			196	8
2	8/15/17	201-204-207	95-97-98			210	6
2	8/15/17	180-183-186	63-70-77			192	9
2	8/15/17	188-191-194	80-85-90			199	8
2	8/15/17	183-186-189	70-77-82			194	8
2	8/15/17	194-197-200	89-92-95			204	7
2	8/15/17	168-171-174	33-41-49			181	10
2	8/15/17	195-198-201	90-93-96			205	7
2	8/15/17	167-170-173	30-38-46			180	10
2	8/15/17	157-160-163	12-17-23			171	11
2	8/15/17	176-179-182	53-61-69			188	9
2	8/15/17	162-165-168	20-27-34			176	11
2	8/18/17	158-161-164	14-19-25			172	11
2	8/15/17	194-197-200	89-92-95			204	7
2	8/15/17	186-189-193	76-82-87			197	8
2	8/15/17	200-203-206	95-97-98			209	6
2	8/15/17	188-191-194	80-85-90			199	8
2	8/15/17	213-216-219	99-99-99			221	5
2	8/15/17	168-171-174	33-41-49			181	10