

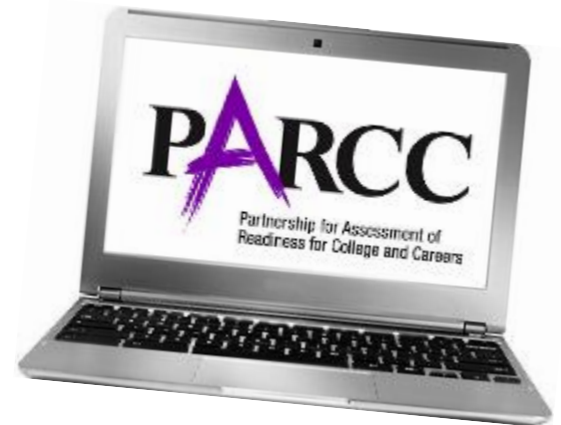


Using Data to Inform Instruction & Improve Student Achievement at Oradell Public School

Presentation by:
The Oradell Administrative Team

KEY POINTS

- OPS data in comparison to the Bergen County “I” Factor Group
- Linkit! Correlation and predictability to PARCC scores
- Student growth in various grade levels and achievement levels
- Our plan moving forward



NJASK Scores Compared to the State

Language Arts and Math

Year	# of results in district	Partial	Proficient	Advanced	Proficient and Advanced Difference		
					District	State	Difference
	LANGUAGE ARTS						
2012	470	15%	72%	13%	85%	66%	19%
2013	472	13%	72%	15%	87%	67%	20%
2014	462	15%	71%	14%	85%	66%	19%

Year	# of results in district	Partial	Proficient	Advanced	Proficient and Advanced Difference		
					District	State	Difference
	MATH						
2012	470	5%	29%	67%	95%	75%	20%
2013	472	3%	32%	63%	95%	75%	20%
2014	463	5%	29%	66%	95%	75%	20%

PARCC Scores Compared to the State

Language Arts and Math

Year	# of results in the district Language Arts	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding	Meeting or Exceeding		
							District	State	Difference
2015	405	0%	8%	21%	56%	15%	72%	49%	23%

Year	# of results in the district Math	Not Meeting	Partially Meeting	Approaching	Meeting	Exceeding	Meeting or Exceeding		
							District	State	Difference
2015	407	0%	7%	24%	56%	13%	69%	42%	27%

Bergen County "I" Factor Group

Language Arts

OPS CLASS OF...		3 rd Grade Percentile Rank	4 th Grade Percentile Rank	5 th Grade Percentile Rank	6 th Grade Percentile Rank
<i>Class of 2011</i>	Current 11th graders at River Dell	NA	NA	38.2%	27.2%
<i>Class of 2012</i>	Current 10th graders at River Dell	NA	8.8%	15.1%	52.3%
<i>Class of 2013</i>	Current 9th graders at River Dell	24.3%	5.8%	21.0%	54.5%
<i>Class of 2014</i>	Current 8th graders at River Dell	88.8%	75.7%	85.0%	95.4%
<i>Class of 2015</i>	Current 7th graders at River Dell	67.5%	61.7%	44.1%	77.2%
<i>Class of 2016</i>	Current 6th graders at OPS	21.6%	8.8%	20.5%	NA
<i>Class of 2017</i>	Current 5th graders at OPS	13.5%	32.3%	NA	NA
<i>Class of 2018</i>	Current 4th Graders at OPS	16.2%	NA	NA	NA

Language Arts Percentile Rank Growth in Bergen County "I"

	% GROWTH 3rd to 4th Grade	% GROWTH 3rd to 5th Grade	% GROWTH 3rd to 6th Grade	% GROWTH 4th to 5th Grade	% GROWTH 4th to 6th Grade	% GROWTH 5th to 6th Grade
<i>Class of 2011</i>	N/A	NA	NA	NA	NA	-11.0%
<i>Class of 2012</i>	N/A	NA	NA	6.3%	43.5%	37.2%
<i>Class of 2013</i>	-18.5%	-3.3%	30.2%	15.2%	48.7%	33.5%
<i>Class of 2014</i>	-13.1%	-3.8%	6.6%	9.3%	19.7%	10.4%
<i>Class of 2015</i>	-5.8%	-23.4%	9.7%	-17.6%	15.5%	33.1%
<i>Class of 2016</i>	-12.8%	-1.1%		11.7%		
<i>Class of 2017</i>	18.8%					
AVERAGE GROWTH by RANGE	-6.3%	-7.9%	15.5%	5.0%	31.9%	20.6%

Bergen County "I" Factor Group

Mathematics

OPS Class of . . .		3 rd Grade Percentile Rank	4 th Grade Percentile Rank	5 th Grade Percentile Rank	6 th Grade Percentile Rank
<i>Class of 2011</i>	Current 11th graders at River Dell	NA	NA	61.7%	63.6%
<i>Class of 2012</i>	Current 10th graders at River Dell	NA	8.8%	9.0%	23.8%
<i>Class of 2013</i>	Current 9th graders at River Dell	54.0%	17.6%	62.0%	45.4%
<i>Class of 2014</i>	Current 8th graders at River Dell	88.8%	63.6%	100.0%	95.4%
<i>Class of 2015</i>	Current 7th graders at River Dell	91.8%	68.0%	55.8%	77.2%
<i>Class of 2016</i>	Current 6th graders at OPS	29.7%	50.0%	50.0%	NA
<i>Class of 2017</i>	Current 5th graders at OPS	83.7%	32.3%	NA	NA
<i>Class of 2018</i>	Current 4th Graders at OPS	54.0%	NA	NA	NA

Math Percentile Rank Growth in the Bergen County "I"

	% GROWTH 3rd to 4th Grade	% GROWTH 3rd to 5th Grade	% GROWTH 3rd to 6th Grade	% GROWTH 4th to 5th Grade	% GROWTH 4th to 6th Grade	% GROWTH 5th to 6th Grade
<i>Class of 2011</i>	N/A	NA	NA	NA	NA	1.9%
<i>Class of 2012</i>	N/A	NA	NA	0.2%	15.0%	14.8%
<i>Class of 2013</i>	-36.4%	8.0%	-8.6%	44.4%	27.8%	-16.6%
<i>Class of 2014</i>	-25.2%	11.2%	6.6%	36.4%	31.8%	-4.6%
<i>Class of 2015</i>	-23.8%	-36.0%	-14.6%	-12.2%	9.2%	21.4%
<i>Class of 2016</i>	20.3%	20.3%		0.0%		
<i>Class of 2017</i>	-51.4%					
AVERAGE GROWTH by RANGE	-23.3%	0.9%	-5.5%	13.8%	21.0%	3.4%

Takeaways

- Overall, we continue to rank higher in Math than ELA
- Over the past few years, our third grade students appear to score lower in ELA when compared to their DFG “I” peers
- Our negative growth in percentile rank in the early grades in ELA improve by the end of 6th grade
- In LA, Our 4th grade students consistently dropped in ranking from 3rd to 4th grade except for last school year
- Our 4th grade students math scores dropped significantly last year- we believe that our new Go Math curriculum will help the teachers cover all the standards
- For past two years, our exiting 6th grade students have showed equal performance in ELA and Math [Class of 2014 (95.4%); Class of 2015 (77.2%)]

Linkit Predictability Scores

% Meet and Exceed on PARCC based on Benchmark

	Not Meeting			Partially Meeting			Approaching			Bubble			Meeting			Exceeding		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
G3 ELA	-	-	0%	25%	30%	18%	43%	30%	47%	73%	87%	85%	100%	95%	100%	-	-	-
G4 ELA	-	-	-	20%	33%	25%	59%	38%	48%	94%	89%	94%	100%	95%	97%	100%	100%	100%
G5 ELA	-	-	-	26%	17%	0%	65%	61%	52%	100%	96%	88%	100%	100%	92%	100%	-	100%
G6 ELA	-	-	-	0%	0%	0%	83%	61%	77%	89%	100%	88%	100%	100%	100%	100%	-	100%
Overall	-	-	0%	18%	20%	11%	62%	48%	56%	89%	93%	89%	100%	97%	97%	100%	100%	100%

	Not Meeting			Partially Meeting			Approaching			Bubble			Meeting			Exceeding		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
G3 Math	-	0%	-	25%	17%	0%	41%	47%	29%	76%	75%	58%	95%	96%	89%	100%	100%	-
G4 Math	-	-	-	0%	0%	0%	43%	0%	17%	85%	65%	50%	96%	90%	94%	100%	100%	-
G5 Math	-	-	-	50%	0%	0%	26%	20%	15%	67%	50%	33%	95%	94%	89%	100%	100%	-
G6 Math	-	-	0%	0%	0%	25%	45%	54%	11%	86%	90%	71%	97%	96%	95%	100%	100%	100%
Overall	-	-	0%	19%	4%	6%	39%	30%	18%	78%	70%	53%	96%	94%	92%	100%	100%	100%

Linkit!: Student Growth Percentiles

Language Arts

Subject	Grade	Proficiency on Form A	# of	Average Form A	Average Form B	Growth A-B	Low Growth			Typical Growth			High Growth		
							# of	% of cohort	Growth A-B	#	%	Growth A-B	#	%	Growth A-B
ELA	3	Exceeding	1	85%	58%	-27%	1	100%	-27%	0	0%	-	0	0%	-
ELA	3	Meeting	39	63%	63%	1%	18	46%	-9%	17	44%	7%	4	10%	18%
ELA	3	Bubble	21	46%	51%	5%	6	29%	-12%	13	62%	10%	2	10%	27%
ELA	3	Approaching	38	33%	43%	10%	15	39%	-1%	16	42%	12%	7	18%	29%
ELA	3	Partially Meeting	14	17%	38%	21%	4	29%	1%	4	29%	20%	6	43%	34%
ELA	3	Not Meeting	1	8%	31%	23%	0	0%	-	1	100%	23%	0	0%	-
ELA	4	Exceeding	8	80%	71%	-9%	4	50%	-14%	3	38%	-6%	1	13%	2%
ELA	4	Meeting	31	63%	57%	-5%	14	45%	-18%	6	19%	-3%	11	35%	9%
ELA	4	Bubble	10	49%	39%	-10%	6	60%	-17%	2	20%	-3%	2	20%	3%
ELA	4	Approaching	41	37%	35%	-2%	17	41%	-13%	11	27%	-1%	13	32%	10%
ELA	4	Partially Meeting	3	20%	30%	10%	1	33%	-2%	0	0%	-	2	67%	17%
ELA	5	Exceeding	4	89%	84%	-4%	1	25%	-14%	2	50%	-4%	1	25%	6%
ELA	5	Meeting	44	74%	76%	1%	12	27%	-13%	20	45%	3%	12	27%	13%
ELA	5	Bubble	29	56%	63%	7%	7	24%	-15%	10	34%	6%	12	41%	20%
ELA	5	Approaching	27	43%	50%	7%	5	19%	-11%	13	48%	5%	9	33%	20%
ELA	5	Partially Meeting	11	25%	40%	15%	1	9%	0%	3	27%	7%	7	64%	21%
ELA	5	Not Meeting	2	11%	27%	16%	1	50%	9%	1	50%	23%	0	0%	-
ELA	6	Exceeding	5	83%	78%	-5%	4	80%	-9%	0	0%	-	1	20%	11%
ELA	6	Meeting	43	68%	69%	1%	20	47%	-6%	17	40%	5%	6	14%	15%
ELA	6	Bubble	16	50%	55%	5%	9	56%	-5%	1	6%	6%	6	38%	19%
ELA	6	Approaching	25	39%	47%	8%	5	20%	-7%	17	68%	10%	3	12%	20%
ELA	6	Partially Meeting	13	21%	36%	15%	3	23%	5%	6	46%	11%	4	31%	26%
ELA	Overall	Exceeding	18	83%	75%	-8%	10	56%	-13%	5	28%	-6%	3	17%	6%
ELA	Overall	Meeting	157	67%	67%	0%	64	41%	-11%	60	38%	4%	33	21%	13%
ELA	Overall	Bubble	76	51%	55%	4%	28	37%	-11%	26	34%	7%	22	29%	19%
ELA	Overall	Approaching	131	38%	43%	5%	42	32%	-8%	57	44%	7%	32	24%	18%
ELA	Overall	Partially Meeting	41	21%	37%	16%	9	22%	2%	13	32%	13%	19	46%	26%
ELA	Overall	Not Meeting	3	10%	28%	18%	1	33%	9%	2	67%	23%	0	0%	-



Item Analysis

Student:			
Test:	LinkIt! G3 CC ELA TEI AG Form B		
Date of test	Dec 14 2015		
Test score:	65%	Class average	50%
Points earned	17 out of 26	Class average	13

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Points Possible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Correct Answer	D	C	D	B	C	C	B	*	*	C	B	A	D	*	*
Student Answer	D	C	D	A	A	C	B	0	1	C	B	A	D	1	0
Class Average	77%	77%	91%	59%	23%	41%	59%	0.4	0.3	73%	62%	50%	91%	0.2	0.0

Question	16	17	18	19	20	21	22	23	24	25	26
Points Possible	1	1	1	1	1	1	1	1	1	1	1
Correct Answer	*	B	D	B	C	D	B	A	B	*	D
Student Answer	0	B	D	B	B	D	A	D	D	1	D
Class Average	0.2	73%	50%	45%	32%	64%	23%	59%	32%	0.0	62%

Standards	Questions	Score	Class
RI.3.3 Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.	1, 6, 9, 12	100.0%	48.8%
RI.3.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.	3, 7, 8	66.6%	63.6%
RI.3.5 Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.	2, 5, 11	66.6%	60.6%
RI.3.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).	4, 10, 11	66.6%	71.2%
RI.3.1 Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.	14, 15, 22	33.3%	15.1%
RI.3.3 Describe characters in a story (e.g., their traits, motivations, or feelings) and explain how their actions contribute to the sequence of events.	16, 21, 23	33.3%	48.4%
RI.3.4 Determine the meaning of words and phrases as they are used in a text, distinguishing literal from nonliteral language.	17, 18, 21	100.0%	62.1%

Item Analysis

RL.3.5	Refer to parts of stories, dramas, and poems when writing or speaking about a text, using terms such as chapter, scene, and stanza; describe how each successive part builds on earlier sections.	14, 15, 22	33.3%	15.1%
RL.3.6	Distinguish their own point of view from that of the narrator or those of the characters.	16, 20, 24	0.0%	28.7%
RL.3.7	Explain how specific aspects of a text's illustrations contribute to what is conveyed by the words in a story (e.g., create mood, emphasize aspects of a character or setting).	13, 19, 23	66.6%	65.1%
RL.3.9	Compare and contrast the themes, settings, and plots of stories written by the same author about the same or similar characters (e.g., in books from a series).	24, 25, 26	66.6%	39.3%

Our Plan Moving Forward

- Measuring up Live
- Linkit Assessments
- GoMath! Math Trainer and IXL: targets math standards and provides feedback to students and teachers
- Raz-Kids: An interactive reading tool for our students to practice reading fluency and comprehension
- Differentiation based on student performance
 - Linkit “Bubble Students”
 - Measuring Up
- Formative Assessment