

New York State Grades 3-8 ELA and Math Assessments

November 27, 2018



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Defining Performance

Level	Definition
1	Well Below Proficient
2	Partially Proficient
3	Proficient in Standards
4	Excels in Standards



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Percent of Raw Points by Performance Level

2018 NYSED ELA					2018 NYSED Math				
Grade	1	2	3	4	Grade	1	2	3	4
3	0-34	35-53	54-82	83-100	3	0-40	41-60	61-81	82-100
4	0-35	36-59	60-76	77-100	4	0-39	40-63	64-80	81-100
5	0-52	53-68	69-80	81-100	5	0-39	40-59	60-78	79-100
6	0-50	51-66	67-77	78-100	6	0-31	32-50	51-71	72-100
7	0-50	51-70	71-85	86-100	7	0-36	37-60	61-82	83-100
8	0-48	49-70	71-83	84-100	8	0-34	35-60	61-80	81-100



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Interpreting Scale Scores

22	590	50%
23	592	52%
24	594	55%
25	596	57%
26	598	59%
27	600	61%
28	602	64%
29	604	66%
30	606	68%
31	609	70%
32	611	73%
33	614	75%
34	616	77%
35	619	80%
36	622	82%
37	625	84%



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Defining Performance for NYSED Accountability

Performance Level	Points
1	0
2	100
3	200
4	250



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

ESSA Accountability

**Achievement
Performance Level**



**Weighted Average
Index**



**Core Subject
Index**

<=10%	Level 1
10.1 - 50%	Level 2
50.1 - 75%	Level 3
>75%	Level 4

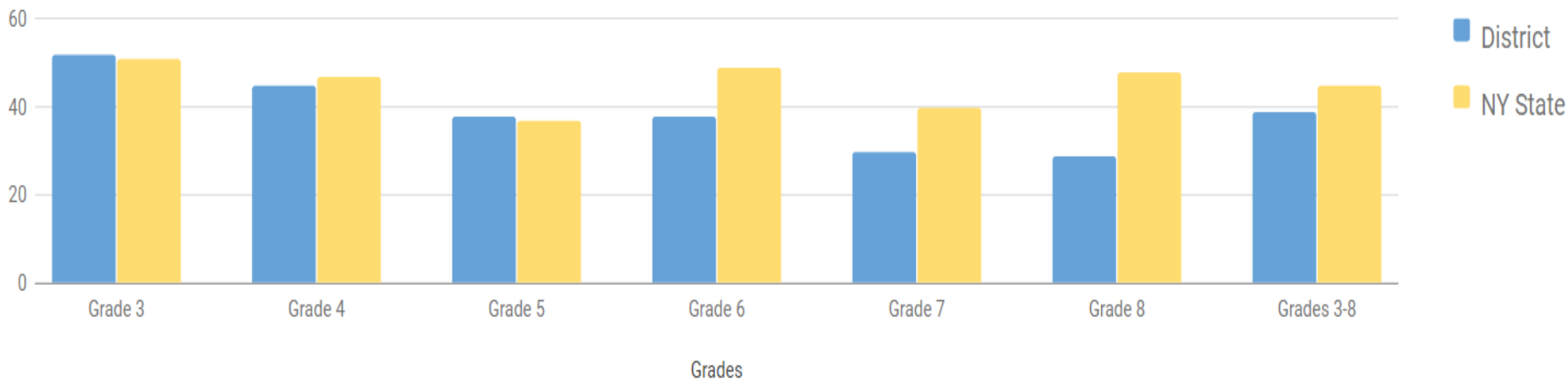
Total Points
95% of enrolled
students

Total Points
Total Enrolled Students

Each district's achievement is compared to the other 700+ districts in NYS.
A district's ranking then determines its performance level.

GRADES 3-8 ENGLISH LANGUAGE ARTS SUMMARY RESULTS (2017-18)

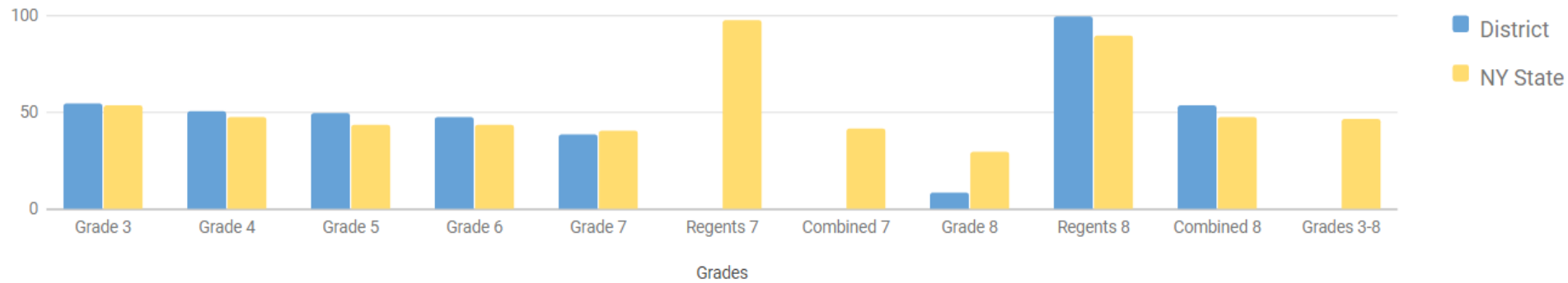
Percent Proficient



Grade	Not Tested	Tested	Level 1		Level 2		Level 3		Level 4		Proficient (Levels 3 & 4)	
			#	%	#	%	#	%	#	%	#	%
Grade 3	74	467	86	18%	140	30%	228	49%	13	3%	241	52%
Grade 4	127	418	84	20%	146	35%	143	34%	45	11%	188	45%
Grade 5	175	434	122	28%	146	34%	101	23%	65	15%	166	38%
Grade 6	206	397	118	30%	130	33%	77	19%	72	18%	149	38%
Grade 7	267	389	146	38%	126	32%	93	24%	24	6%	117	30%
Grade 8	351	364	112	31%	145	40%	72	20%	35	10%	107	29%
Grades 3-8	1,200	2,469	668	27%	833	34%	714	34%	254	10%	968	39%

GRADES 3-8 MATHEMATICS SUMMARY RESULTS (2017-18)

Percent Proficient



Grade	Not Tested	Tested	Level 1		Level 2		Level 3		Level 4 & Above		Proficient (Levels 3 & Above)	
			#	%	#	%	#	%	#	%	#	%
Grade 3	76	467	102	22%	110	24%	189	40%	66	14%	255	55%
Grade 4	138	410	92	22%	110	27%	101	25%	107	26%	208	51%
Grade 5	178	432	103	24%	112	26%	127	29%	90	21%	217	50%
Grade 6	218	386	81	21%	118	31%	108	28%	79	20%	187	48%
Grade 7	284	372	110	30%	117	31%	102	27%	43	12%	145	39%
Regents 7	—	1	—	—	—	—	—	—	—	—	—	—
Combined 7	—	373	—	—	—	—	—	—	—	—	—	—
Grade 8	299	212	107	50%	86	41%	18	8%	1	0%	19	9%
Regents 8	—	207	0	0%	0	0%	47	23%	160	77%	207	100%
Combined 8	299	419	107	26%	86	21%	65	16%	161	38%	226	54%
Grades 3-8	1,193	2,279	595	26%	653	29%	538	24%	346	15%	884	39%

Advanced grade 7 and 8 students who take a Regents math test in lieu of the grade 7 and/or 8 math test are reported in the Regents 7 and Regents 8 rows. Combined 7 and Combined 8 are students who took either the grade 7 or 8 math test or a Regents math test in lieu of the grade 7 or 8 math test.

Arlington's Proficiency Rate

Performance Level	ELA Grades 3-8		Math Grades 3-8	
	2017	2018	2017	2018
1	27%	27%	32%	26%
2	38%	34%	25%	29%
3	26%	29%	23%	24%
4	9%	10%	19%	15%



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Core Subject Performance Index

Category	Refusals 0	Level 1 0	Level 2 100	Level 3 200	Level 4 250
ELA Number of Students	1,200	668	833	714	254
Math Number of Students	1,193	595	653	538	346
Total Students	2,393	1,263	1,486	1,252	600
Points	0	0	148,600	250,400	150,000



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Reports Available

Gap Analysis

Illustrates Differences in Performance

BOCES

Region

Statewide Level 3

Statewide Level 4

Teacher Report

Item Analysis for Individual Students



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Gap Analysis

Standard	% Correct	Gap to BOCES	Gap to Region	Gap to Proficiency	Gap to Mastery
RL.5.3 (#3)	65	3	4	-21	-28
RL.5.2 (#7)	60	5	6	-15	-23

Standard	Response	District % Full Credit	BOCES % Full Credit	Gap to BOCES	Region % Full Credit	Gap to Region	Proficiency % Full Credit	Gap to Proficiency	Mastery % Full Credit	Gap to Mastery
RL.5.3	03-MC	65%	61%	3%	60%	4%	86%	-21%	93%	-28%
RL.5.3	04-MC	92%	87%	5%	84%	8%	98%	-6%	99%	-7%
RL.5.3	05-MC	68%	63%	5%	62%	6%	86%	-17%	94%	-25%
RL.5.2	07-MC	60%	56%	5%	54%	6%	76%	-15%	83%	-23%
RL.5.3	24-MC	48%	41%	7%	40%	8%	54%	-6%	63%	-16%



**ARLINGTON CENTRAL
SCHOOL DISTRICT**

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Teacher Report

	Points	Mean % Correct
Constructed Response	3.5 / 16	22%
Multiple Choice	4.5 / 18	25%
Literary Texts	3.5 / 17	21%
Key Ideas and Details	1.0 / 11	9%
Craft and Structure	2.5 / 6	42%
Informational Texts	4.5 / 16	28%
Key Ideas and Details	2.5 / 8	31%
Craft and Structure	1.5 / 3	50%
Integration of Knowledge and Ideas	0.5 / 5	10%
Language	0.0 / 1	0%
Vocabulary Acquisition and Use	0.0 / 1	0%



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Item Response Analysis per Student by Location

This report displays the number and percent of correct & incorrect per student (sorted by NYS Common Core Learning Standards, Domains, and Clusters).

District Name: Arlington Central School District
School Year: Jun 30, 2018

Location: NOXON ROAD ELEMENTARY
Assessment: Grade 5 ELA

Home Room: 202
Test Date: Apr 10, 2018

[Redacted Student Name]	Numeric Score: 616
Level: Level 3	State Percentile: 80

Multiple Choice Analysis

Domain	Cluster	Standard	Correct	Incorrect	Count of Questions	% Incorrect	% Correct
Reading-Literature	Craft and Structure	RL.5.4	3	0	3	0.00%	100.00%
		RL.5.5	0	1	1	100.00%	0.00%
		RL.5.6	1	0	1	0.00%	100.00%
	Key Ideas and Details	RL.5.2	1	1	2	50.00%	50.00%
		RL.5.3	5	1	6	16.67%	83.33%
Reading-Informational Text	Craft and Structure	RI.5.4	2	0	2	0.00%	100.00%
		RI.5.5	1	0	1	0.00%	100.00%
		RI.5.6	0	1	1	100.00%	0.00%
	Integration of Knowledge and Ideas	RI.5.7	0	1	1	100.00%	0.00%
	Key Ideas and Details	RI.5.2	4	0	4	0.00%	100.00%
		RI.5.3	4	1	5	20.00%	80.00%
Language	Vocabulary Acquisition and Use	L.5.4	1	0	1	0.00%	100.00%

Constructed Response Analysis

Domain	Cluster	Standard	Points Earned	Total Possible Points	Count of Questions	% Earned	N/A
Reading-Literature	Craft and Structure	RL.5.6	2	2	1	100.00%	N/A
	Key Ideas and Details	RL.5.2	1	2	1	50.00%	N/A
		RL.5.3	2	2	1	100.00%	N/A
Reading-Informational Text	Craft and Structure	RI.5.5	2	2	1	100.00%	N/A
	Integration of Knowledge and Ideas	RI.5.7	1	2	1	50.00%	N/A
		RI.5.8	1	2	1	50.00%	N/A
	Key Ideas and Details	RI.5.3	3	4	1	75.00%	N/A

5th Grade Math Item Analysis

Domain	Cluster	Standard	Correct	Incorrect	Count of Questions	% Incorrect	% Correct
Operations and Algebraic Thinking	Write and interpret numerical expressions.	5.OA.1	1	0	1	0.00%	100.00%
		5.OA.2	0	1	1	100.00%	0.00%
Number and Operations—Fractions	Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	5.NF.3	1	0	1	0.00%	100.00%
		5.NF.4	1	0	1	0.00%	100.00%
		5.NF.5	0	1	1	100.00%	0.00%
		5.NF.6	0	1	1	100.00%	0.00%
		5.NF.7	0	1	1	100.00%	0.00%
		5.NF.7a	0	1	1	100.00%	0.00%
		5.NF.7c	0	1	1	100.00%	0.00%
	Understand decimal notation for fractions, and compare decimal fractions.	4.NF.5	0	1	1	100.00%	0.00%
		4.NF.6	0	1	1	100.00%	0.00%
	Use equivalent fractions as a strategy to add and subtract fractions.	5.NF.1	1	1	2	50.00%	50.00%



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Next Steps

- Develop Meaning from NYSED Assessment Data
- Align Instructional Practices to Effectively Assess Standards
- Use Assessment Data to Guide Program Decision Making



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.

Resources

- <http://www.p12.nysed.gov/accountability/essa/documents/ESSAGeneralMemo101918.pdf>
- <https://data.nysed.gov/profile.php?instid=800000053261>
- <https://www.engageny.org/resource/released-2018-3-8-ela-and-mathematics-state-test-questions>



ARLINGTON CENTRAL
SCHOOL DISTRICT

Our mission is to empower all students to be self-directed, lifelong learners, who willingly contribute to their community and lead passionate, purposeful lives.