

GCASD

Academic Performance

17-18 Results and Cohort Trends

PSSA Results - Science

Testing Area	2015 GCMS	2015 State Avg.	2016 GCMS	2016 State Avg.	2017 GCMS	2017 State Avg.	2018 GCMS	2018 State Avg.
Grade 8 Science	72%	59%	67%	58%	72%	53%	77%	54%

Testing Area	2015 Hillview	2015 State Avg.	2016 Hillview	2016 State Avg.	2017 Hillview	2017 State Avg.	2018 Hillview	2018 State Avg.
Grade 4 Science	95%	77%	90%	76%	89%	75%	84%	76%

Keystone Results

TESTING AREA	2014 GCHS	STATE AVERAGE	2015 GCHS	STATE AVERAGE	2016 GCHS	STATE AVERAGE	2017 GCHS	STATE AVERAGE	2018 GCHS	STATE AVERAGE	2015 vs 2018
ALGEBRA	61%	64%	48%	64%	64%	68%	70%	66%	71%	65%	22%
vs State Avg.	-3%		-16%		-4%		4%		6%		
Prev to Current		-3%		-13%		12%		8%		2%	
BIOLOGY	47%	54%	57%	59%	71%	66%	77%	63%	76%	64%	14%
vs State Avg.	-7%		-2%		5%		14%		12%		
Prev to Current		-18%		5%		7%		9%		-2%	
LITERATURE	68%	74%	57%	73%	67%	77%	79%	73%	75%	73%	18%
vs State Avg.	-6%		-16%		-10%		6%		2%		
Prev to Current		-4%		-10%		6%		16%		-4%	

PVAAS - (Pennsylvania Value Added Assessment System)

PVAAS is a statistical analysis of Pennsylvania (PA) state assessment data, and provides Pennsylvania districts and schools with growth data to add to achievement data. This lens of measuring student learning provides educators with valuable information to ensure they are meeting the academic needs of groups of students. PVAAS is one of the tools in the cadre of tools provided to districts from the Pennsylvania Department of Education. Districts, schools and teachers are using PVAAS (growth data), in conjunction with achievement data, to make sure students are on the path to proficiency and beyond. Utilizing all the data available (growth and achievement), educators are able to make data-informed instructional decisions to ensure the academic growth and achievement of all students.

DB	Significant evidence that the school exceeded the standard for PA Academic Growth
LB	Moderate evidence that the school exceeded the standard for PA Academic Growth
G	Evidence that the school met the standard for PA Academic Growth
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R	Significant evidence that the school did not meet the standard for PA Academic Growth

Value-Added: Teacher Specific Report



ELA PVAAS

Estimated LEA/District Growth Measure							
Grade	3	4	5	6	7	8	Growth Measure over Grades Standard for PA Academic Growth
<u>Standard for PA Academic Growth</u>		0.0	0.0	0.0	0.0	0.0	
<u>2016 Growth Measure</u>		5.4 DB	1.1 LB	-0.7 G	0.2 G	0.1 G	1.2 DB
<u>Standard Error</u>		1.0	1.0	1.0	0.9	1.0	0.4
<u>2017 Growth Measure</u>		2.2 DB	-2.1 R	-2.6 R	-0.2 G	0.8 G	-0.4 G
<u>Standard Error</u>		1.1	1.0	1.0	1.0	0.9	0.4
<u>2018 Growth Measure</u>		5.2 DB	1.7 LB	-3.1 R	0.7 G	-1.1 Y	0.7 LB
<u>Standard Error</u>		1.1	1.0	1.0	1.0	1.0	0.4
<u>3-Yr-Avg Growth Measure</u>		4.2 DB	0.2 G	-2.1 R	0.2 G	-0.1 G	0.5 DB
<u>Standard Error</u>		0.6	0.6	0.6	0.6	0.6	0.2

Math PVAAS

Estimated LEA/District Growth Measure							
Grade	3	4	5	6	7	8	Growth Measure over Grades Standard for PA Academic Growth
<u>Standard for PA Academic Growth</u>		0.0	0.0	0.0	0.0	0.0	
<u>2016 Growth Measure</u>		-0.3 G	-1.0 Y	-6.7 R	3.5 DB	0.7 G	-0.8 Y
<u>Standard Error</u>		1.0	0.9	0.9	0.8	0.9	0.4
<u>2017 Growth Measure</u>		4.3 DB	-1.9 R	-10.2 R	4.6 DB	2.6 DB	-0.1 G
<u>Standard Error</u>		1.0	0.9	0.9	0.9	0.9	0.4
<u>2018 Growth Measure</u>		4.9 DB	-4.0 R	-1.3 Y	7.5 DB	0.6 G	1.5 DB
<u>Standard Error</u>		1.0	0.9	0.9	0.9	0.9	0.4
<u>3-Yr-Avg Growth Measure</u>		3.0 DB	-2.3 R	-6.1 R	5.2 DB	1.3 DB	0.2 LB
<u>Standard Error</u>		0.6	0.5	0.5	0.5	0.5	0.2

Keystone PVAAS (Algebra 1)

Subject	Year	# of Students	Avg Scale Score	Avg %-ile	Avg Predicted Scale Score	Predicted Avg %-ile	Growth Measure	Standard Error
Algebra I	2016	69	1502.7	53	1486.3	41	15.8 DB	3.1
	2017	208	1517.8	66	1489.8	45	27.4 DB	1.8
	2018	112	1512.9	62	1491.3	45	20.8 DB	2.4
	3-Yr-Avg	389	1513.7	61	1489.6	44	21.3 DB	1.4

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Keystone PVAAS (Biology)

Subject	Year	# of Students	Avg Scale Score	Avg %-ile	Avg Predicted Scale Score	Predicted Avg %-ile	Growth Measure	Standard Error
Biology	2016	161	1541.9	72	1525.5	63	15.6 DB	2.1
	2017	153	1530.0	67	1514.3	56	15.1 DB	2.1
	2018	135	1536.1	67	1520.1	58	15.0 DB	2.4
	3-Yr-Avg	449	1536.1	70	1520.1	60	15.2 DB	1.3

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Keystone PVAAS (Literature)

Subject	Year	# of Students	Avg Scale Score	Avg %-ile	Avg Predicted Scale Score	Predicted Avg %-ile	Growth Measure	Standard Error
Literature	2016	101	1504.6	40	1504.8	40	-0.2 G	2.5
	2017	154	1521.9	53	1518.0	50	3.5 LB	2.1
	2018	135	1531.1	59	1526.1	55	4.4 LB	2.4
	3-Yr-Avg	390	1520.6	58	1517.4	57	<u>2.6 LB</u>	1.3

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Highlights

- Every grade and tested area - above the state average
 - (exception - Grade 3 - ELA)
- Considerable improvement in PSSA Math scores at Middle School
- Strong PVAAS 3-year Averages

Areas for Growth

- Grade 3 ELA
- Continued efforts at all grade levels
 - Assessment alignment
 - Scope and Sequence Development
 - Focus on educational practices and quality pedagogy
 - Use of data to meet each child where they are and push to exceed expectations
- Better utilization of Enrichment/Intervention time at Middle School

Next Steps

- Continue to provide quality feedback through observation and evaluation process
- Continued professional development around OnHand Schools
- Scope and sequence work
- Improved design of Intervention/Enrichment time

Future Ready PA Index

<https://www.youtube.com/watch?v=DB7zzjBE0Gg>

<https://www.education.pa.gov/Pages/Future-Ready-PA.aspx>

Questions