



Plum Borough School District Preliminary Student Achievement Results for 2015–16 School Year

Building Updates Back-to-School

Principals

REMINDER FROM LAST YEAR

Assessment Changes for 14-15 data

- New PA Core Standards were assessed
- New Assessments for Grades 3-8
- Writing assessment eliminated
- Historical data analysis ended last year
(Legacy standards v. PA Core Standard)
- 2014-15 Baseline year with new standards

Secretary of Education 14-15

1. The PA Core Standards that were adopted in 2013 were expected to be much more rigorous.
2. The PSSAs in English Language Arts and Mathematics administered this past spring were comprised solely of the new, more challenging standards.
3. Our new, more rigorous standards have resulted in lower standardized test scores, particularly in Mathematics.

Source: **Pedro A. Rivera** | Secretary of Education

PSSA Data

Preliminary Data

Grade Level Comparison

Grade 3

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	65.3%	31.4%	33.9%	18.9%	15.7%
2016	72.6%	37.7%	34.9%	16.5%	10.9%

+ 7.3%

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	78.2%	18.6%	59.6%	15.7%	6.1%
2016	78.6%	20.1%	58.5%	16.9%	4.6%

+ 0.4

Grade Level Comparison

Grade 4

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	62.2%	24.9%	37.3	29.3%	8.4%
2016	61.7%	31.0%	30.7%	23.0%	15.3%

-0.5%

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	84.3%	35.7%	48.6%	12%	3.6%
2016	74.4%	35%	39.4%	22.6%	2.9%

-9.9%

Grade Level Comparison

Grade 5

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	53.1%	22.5%	30.6%	36.3%	10.6%
2016	64.4%	29.1%	35.3%	22.9%	12.8%

+11.3 %

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	80.6%	24.3%	56.3%	17.6%	1.8%
2016	82.6%	32.2%	50.4%	14.3%	3.1%

2%

Grade Level Comparison

Grade 6

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	54.2%	14.7%	39.5%	37.9%	7.8%
2016	57.3%	26.7%	30.6%	32.3%	10.4%

+ 3.1%

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	78.1%	31.5%	46.6%	19.7%	2.3%
2016	83.0%	31.6%	51.4%	15.3%	1.7%

+ 4.9%

Grade Level Comparison

Grade 7

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	39.1%	12.6%	26.5%	39.1%	21.8%
2016	56.3%	23.4%	32.9%	30.3%	13.5%

+ 17.2%

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	79.2%	27.3%	51.9%	19.1%	1.7%
2016	80.9%	31.6%	49.3%	17.8%	1.3%

+ 1.7%

Grade Level Comparison

Grade 8

MATH	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	26.2%	3.6%	22.6%	50.5%	23.3%
2016	46.0%	15.0%	31.0%	32.4%	21.6%

+ 19.8%

ELA	Proficiency	Advanced	Proficient	Basic	Below Basic
2015	68.4%	14.5%	53.9%	27.9%	3.6%
2016	76.6%	26.8%	49.8%	19.2%	4.2%

+ 8.2%

Summary of Grade Levels

Grade	ELA	Math
3	+ 7.3%	+ .04%
4	- 0.5%	- 9.9%
5	+11.3%	+ 2%
6	+ 3.1%	+ 4.9%
7	+ 17.2%	+ 1.7%
8	+ 19.8%	+ 8.2

Different Cohort of Students

ELA

	3	4	5	6
2015	74.4	85.3	50.3	76.3
2016	80.0	75.0	80.0	72.0

Math

	3	4	5	6
2015	70.0	66.8	16.7	47.3
2016	90.0	71.9	76.7	40.0

Same Cohort of Students

ELA

	3	4	5	6
2015	74.4	85.3	50.3	76.3
2016	80.0	75.0	80.0	72.0

Math

	3	4	5	6
2015	70.0	66.8	16.7	47.3
2016	90.0	71.9	76.7	40.0

Regency

ELA

	3	4	5	6
2015	74.4	85.3	50.3	76.3
2016	80.0	75.0	80.0	72.0

Math

	3	4	5	6
2015	70.0	66.8	16.7	47.3
2016	90.0	71.9	76.7	40.0

Pivik

ELA

	3	4	5	6
2015	78.0	82.2	86.0	76.6
2016	74.7	87.5	79.7	88.7

Math

	3	4	5	6
2015	68.7	67.0	56.6	56.1
2016	65.3	81.3	64.1	61.3

Holiday Park*

ELA

	3	4	5	6
2015	76.9	92.3	83.6	78.5
2016	82.0	68.0	80.5	83.8

Math

	3	4	5	6
2015	64.1	53.8	39.4	36.7
2016	75.3	49.0	54.6	61.2

* Student realignment occurred during the 2015-16 school year

Center

ELA

	3	4	5	6
2015	69.8	84.1	80.0	80.0
2016	78.6	67.8	90.4	79.1

Math

	3	4	5	6
2015	41.9	65.9	61.5	61.7
2016	71.4	53.2	71.0	52.8

Oblock 7th Grade - PSSA

Year	ELA	Math
2015	79.2	39.1
2016	80.9	56.3

Oblock 8th Grade- PSSA

Year	ELA	Math
2015	68.4	26.2
2016	76.6	46.0

Oblock Algebra I Keystone

Year	# of Students	Proficiency	Advanced	Proficient	Basic	Below Basic
2013	265	52%	11%	40%	47%	2%
2014	234	65%	24%	41%	33%	3%
2015	154	74%	25%	49%	23%	2%
2016	158	86.7%	50.6%	36.1%	12.7%	.6%

Science PSSA

Grades 4 & 8



Science

Building	2013	2014	2015	2016
Regency	98	96	96.4	81.2
Pivik	91.5	97.2	93.5	95.0
Holiday Park	93.1	95.7	98.1	85.0
Center	93.7	89.0	100	88.7
Oblock	75.8	71.8	72.7	74.7

No Change to 2015 Science PSSA

High School - Algebra I

end of course data

Year	# of Students	Proficiency	Advanced	Proficient	Basic	Below Basic
2013	57	9%	0%	9%	51%	40%
2014	63	11%	5%	6%	59%	30%
2015	58	17%	0%	17%	67%	16%
2016	136	43%	8%	35%	45%	12%

High School - English Lit.

end of course data

Year	Proficiency	Advanced	Proficient	Basic	Below Basic
2013	75%	10%	65%	21%	5%
2014	70%	7%	63%	20%	10%
2015	81%	13%	68%	16%	3%
2016	68%	8%	60%	20%	12%

High School - Biology

end of course data

Year	Proficiency	Advanced	Proficient	Basic	Below Basic
2013	66%	22%	44%	22%	12%
2014	68%	32%	36%	21%	11%
2015	60%	27%	33%	27%	13%
2016	62%	27%	35%	23%	15%

Current Keystone Achievement Levels -

used for the School Performance Profile at the end of the 11th grade year

Class	Algebra 1	Biology	ELA
2014	61%	48%	76%
2015	64%	63%	81%
2016	77%	76%	79%
2017 (12th)	82%	77%	87%
2018 (11th)	75%	65%	68%
2019 (10th)	72%	68%	<i>TBD</i>

AP Scores

Plum High School

AP Scores

What Is an AP Score and What Does It Mean?

Your AP score shows how well you did on the AP Exam. It's also a measure of your achievement in your college-level AP course. This score will be used by colleges and universities to determine if they will grant you credit for what you've already learned, or allow you to skip the equivalent course once you get to college (this is known as advanced placement).

Your score is a weighted combination of your scores on the multiple-choice section and on the free-response section. The final score is reported on a 5-point scale as follows:

5 = extremely well qualified

4 = well qualified

3 = qualified

2 = possibly qualified

1 = no recommendation

<https://apscore.collegeboard.org/scores/about-ap-scores>

AP Scores 13–14 vs. 14–15 vs. 15–16

	2014	2015	2016
Total AP Students	260	308	344
Number of Exams	471	605	618
Students with Scores of 3+	191	178	176
% of AP Students with Scores of 3+	73.5%	57.8%	51.2%

Historical 5 Year Summary Report

	2011	2012	2013	2014	2015	2016
Total AP Students	108	179	200	260	308	344
Number of Exams	177	305	368	471	605	618
Students with 3+	93	137	155	191	178	176
% Students with 3+	86.1	76.5	77.5	73.5	57.8	51.2

Moving Forward...

Strengths

1. Vocabulary (E)
2. Advanced Numbers (E, Alg. I)
3. Math (5th / Jr. High)

Opportunities

1. TDA / Writing
2. Measurement (E)
3. Science

Moving Forward...

Principals & Teachers
Develop Action Plans based
upon Data Analysis