

Highlights of Preliminary Results in 2009-2010 AYP and the Pennsylvania System of School Assessment (PSSA)

August 16, 2010

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**In 2007-2008 the District made substantial
progress in student achievement
across the board.**

**In 2008-2009 the District made AYP for the
first time.**

2

In 2009-10 the District continued to make progress in student achievement; however, not quite at the same rate as in the previous two years and high school achievement remained stalled.

In 2009-10, the core elements for raising student achievement were in place:

- ✓ Rigorous curriculum
- ✓ Nationally recognized system to train, support, evaluate and reward principals
- ✓ Use of diagnostic assessments to get help to students quickly
- ✓ Instructional coaches in every school
- ✓ Central Administration organized into Teaching and Learning Teams to support schools
- ✓ 1st year of reading intervention programs aligned to individual student needs

In 2009, the District made AYP, but fell just short in 2010.

AYP Mathematics Targets: In 2010, the District met *all* of the targets in both the 3-5 and 6-8 grade span.

Grade Span	Number of Targets Met	Total Number of Targets	% of Targets Met
3-5	18	18	100%
6-8	18	18	100%

AYP Reading Targets: In 2010, the District met *all but one* of the targets in both the 3-5 and 6-8 grade span.

Grade Span	Number of Targets Met	Total Number of Targets	% of Targets Met
3-5	17	18	94.4%
6-8	17	18	94.4%

At both grade spans, the only group that did not meet the reading target was students with Individualized Education Programs (special education).

**There is good news in AYP.
72% of schools (43 of 60) made AYP in
2010 compared to 53% (32 of 60) in
2009.**

AYP is not final until the appeals process is completed at the end of August.

2010 PSSA results are presented here through a one-year and a three-year lens.

Consistent with our Empowering Effective Teachers plan in which one year of data are insufficient to evaluate a teacher's performance, one year of PSSA results are insufficient to evaluate the District's performance.

From 2009 to 2010, students continued to make gains in proficiency on a majority of PSSA exams (10 of 14). Gains were two or more percentage points on 8 of 14 exams.

- **Reading:** Percentage point gains ranged from 1.3 (2%) in 4th grade to 7 (15%) in 6th grade.
- **Mathematics:** Percentage point gains ranged from 1.5 (2%) in 4th grade to 5.1 (8%) in 6th grade.

Note: PSSA's are taken in two subjects (Reading and Mathematics) in seven grades (3-8 & 11)

From 2009 to 2010, students showed progress in moving to the advanced level on a majority of PSSA exams (10 of 14). Gains were three or more percentage points on 6 of 14 exams.

- **Reading:** Percentage point gains ranged from .6 (2%) in 7th grade to 6.7 (35%) in 6th grade.
- **Mathematics:** Percentage point gains ranged from .9 (3%) in 4th grade to 7.2 (23%) in 6th grade

Note: PSSA's are taken in two subjects (Reading and Mathematics) in seven grades (3-8 & 11)

From 2009 to 2010, students showed progress in moving out of the below basic level on a majority of PSSA exams (9 of 14). Reductions were two or more percentage points on 3 exams.

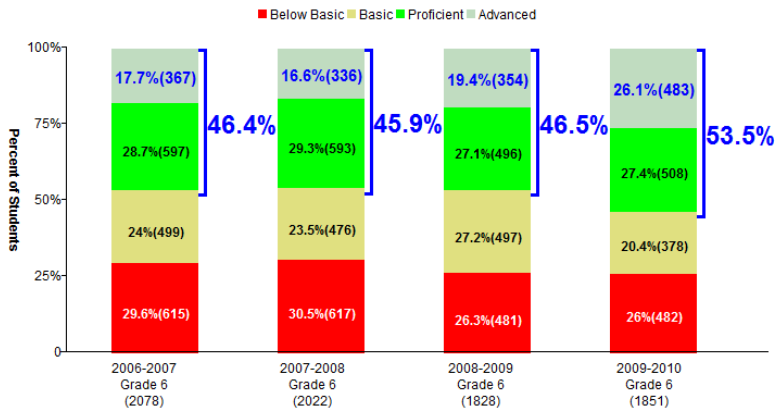
- **Reading:** Percentage point reductions in below basic ranged from .3 (1%) in 6th grade to 3.1 (18%) in 8th grade
- **Mathematics:** Percentage point reductions in below basic ranged from .8 (5%) in 5th grade to 2.1 (11%) in 6th grade

Over the past three years, the largest gains in Reading and Mathematics are in grades 6-8 where the District has made the most dramatic changes by closing six large, failing, comprehensive middle schools and expanding the number of K-8 schools.

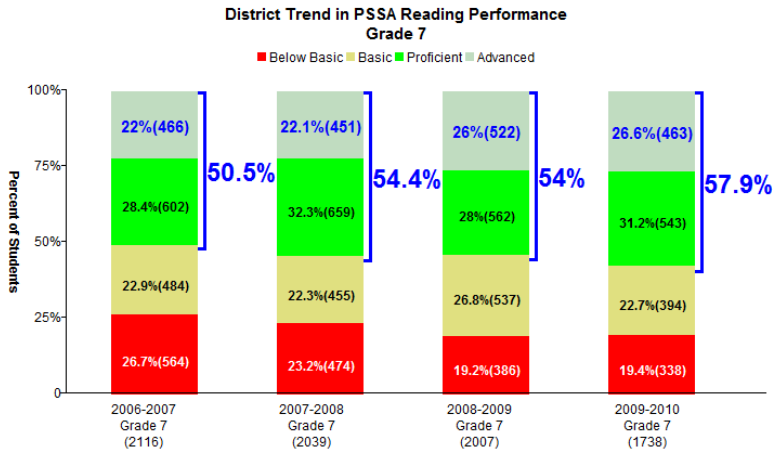
Additionally, the districtwide curriculum has been in place the longest in grades 6-8 (3 years).

Grade 6 Reading Proficiency: Increased 7 points (15.1%) from 2009 and 7.1 points (15.3%) since 2007. **Advanced:** Increased 6.7 points (34.5%) from 2009 and 8.4 points (47.5%) since 2007.

District Trend in PSSA Reading Performance
Grade 6

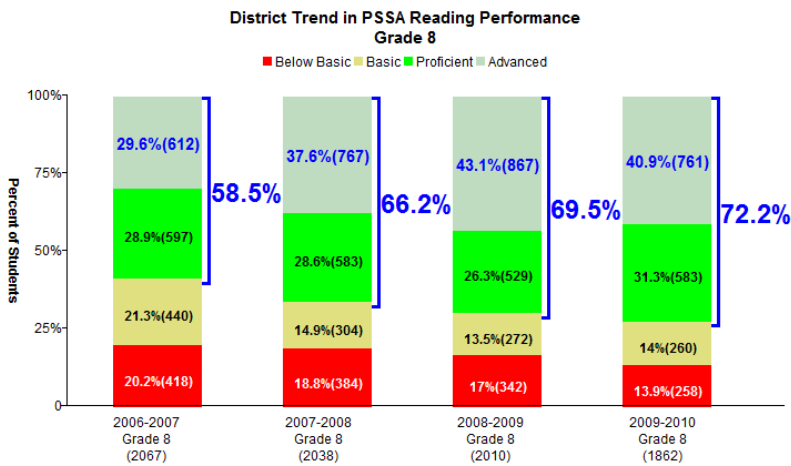


Grade 7 Reading Proficiency: Increased 3.9 points (7.2%) from 2009 and 7.4 points (14.7%) since 2007. **Advanced:** Increased .6 points (2.3%) from 2009 and 4.6 points (20.9%) since 2007.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

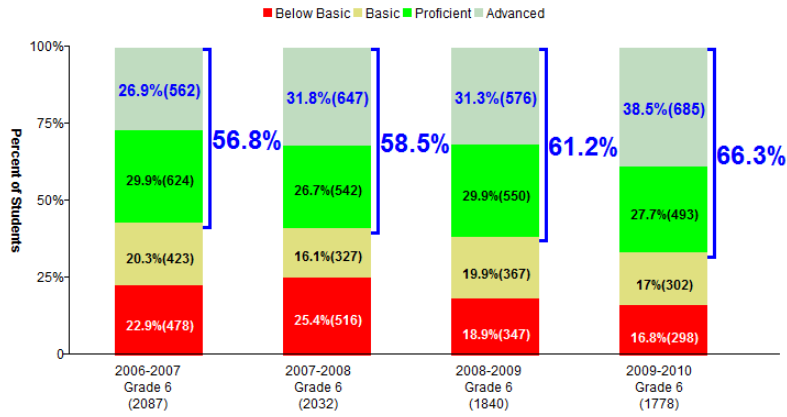
Grade 8 Reading Proficiency: Increased 2.7 points (3.9%) from 2009 and 13.7 points (23.4%) since 2007. **Advanced:** Decreased 2.2 points (-5.1%) from 2009 and increased 11.3 points (38.2%) since 2007.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 6 Mathematics Proficiency: Increased 5.1 points (8.3%) from 2009 and 9.5 points (16.7%) since 2007. **Advanced:** Increased 7.2 points (23%) from 2009 and 11.6 points (43.1%) since 2007.

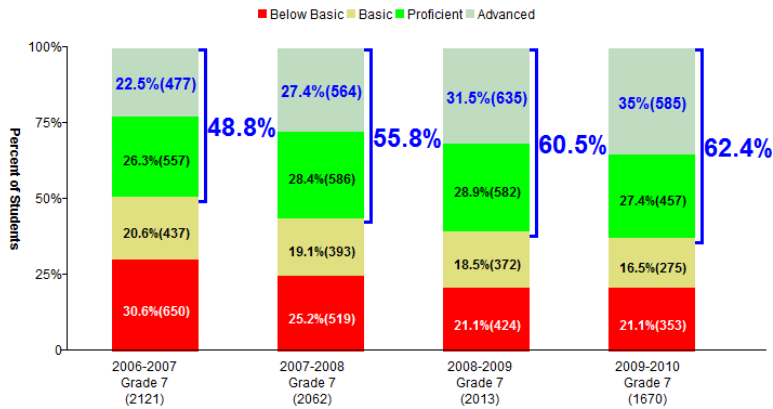
District Trend in PSSA Mathematics Performance
Grade 6



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

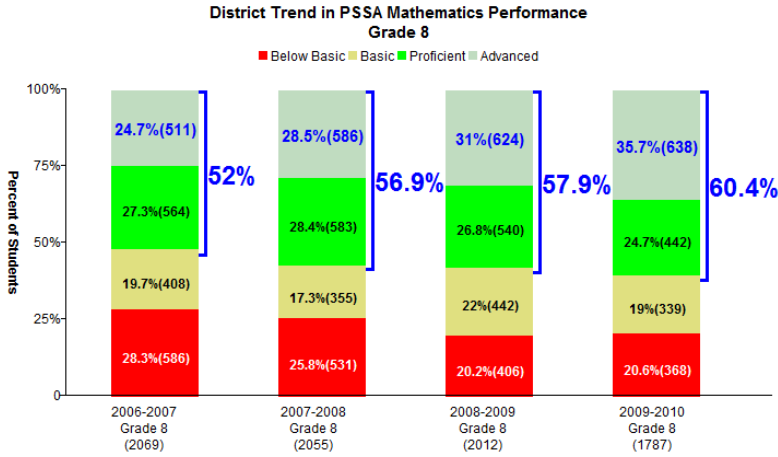
Grade 7 Mathematics Proficiency: Increased 1.9 points (3.1%) from 2009 and 13.6 points (27.9%) since 2007. **Advanced:** Increased 3.5 points (11.1%) from 2009 and 12.5 points (55.6%) since 2007.

District Trend in PSSA Mathematics Performance
Grade 7



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 8 Mathematics Proficiency: Increased 2.5 points (4.3%) from 2009 and 8.4 points (16.2%) since 2007. **Advanced:** Increased 4.7 points (15.2%) from 2009 and 11 points (44.5%) since 2007.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

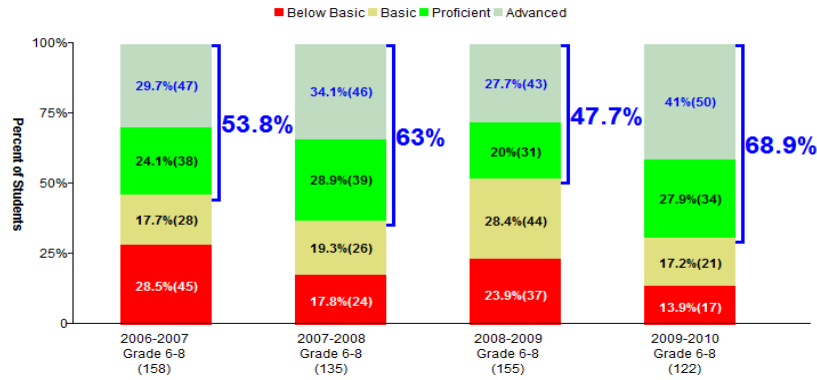
Over the past three years, 10 schools, all K-8, showed the greatest improvement in students scoring proficient and advanced in Reading in grades 6-8.

- | | |
|---------------------------|---------------------------|
| Pittsburgh Carmalt K-8 | Pittsburgh Manchester K-8 |
| Pittsburgh Schaeffer K-8 | Pittsburgh Faison K-8 |
| Pittsburgh Montessori K-8 | Pittsburgh Sunnyside K-8 |
| Pittsburgh Greenfield K-8 | Pittsburgh Murray ALA K-8 |
| Pittsburgh Weil ALA K-8 | Pittsburgh Lincoln K-8 |

Spotlight Pittsburgh Greenfield K-8

Grades 6-8 Reading Proficiency: Increased 21.2 points (44.4%) from 2009 and 15.1 points (28.1%) since 2007.

**Greenfield Trend in PSSA Reading Performance
Grade 6-8**



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Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Over the past three years, 10 schools, eight of which are K-8, showed the greatest improvement in students scoring proficient and advanced in Mathematics in grades 6-8.

- | | |
|---------------------------|---------------------------|
| Pittsburgh Allegheny 6-8 | Pittsburgh Lincoln K-8 |
| Pittsburgh Sunnyside K-8 | Pittsburgh CAPA 6-12 |
| Pittsburgh Manchester K-8 | Pittsburgh Weil ALA K-8 |
| Pittsburgh Carmalt K-8 | Pittsburgh Murray ALA K-8 |
| Pittsburgh Westwood K-8 | Pittsburgh Greenfield K-8 |

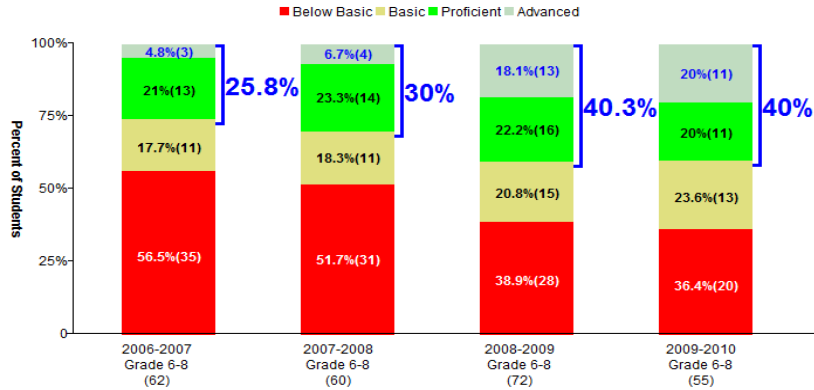
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

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Spotlight Pittsburgh Manchester K-8

Grades 6-8 Mathematics Proficiency: Increased 14.2 points (55%) since 2007.

Manchester Trend in PSSA Mathematics Performance Grade 6-8



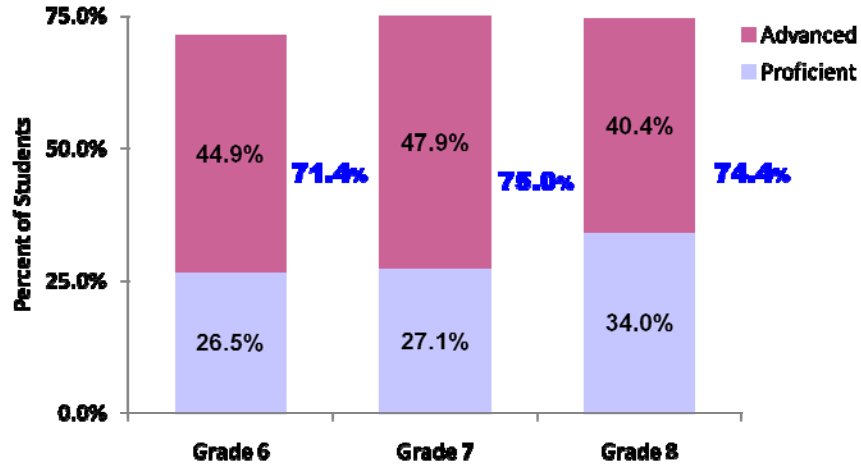
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Middle grades results from the Pittsburgh Science & Technology Academy, which has a lottery admissions process, are very encouraging after one year of operation.

Demographics for Grades 6-8

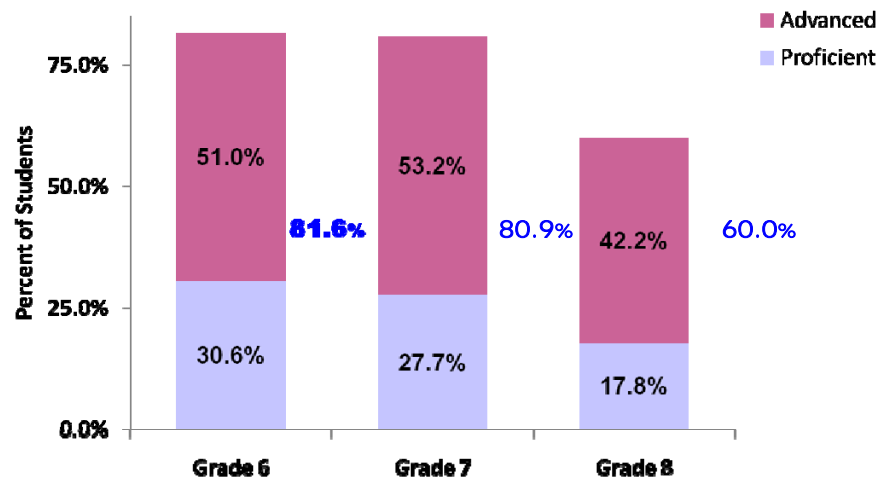
Total Number of Students	144
African-American	56%
White	36%
Other	8%
Students with IEPs	11%
Economically Disadvantaged	72%

Pittsburgh Science & Technology Academy Grades 6-8 Reading:
 Students demonstrated high levels of performance in grades 6-8 in the school's opening year.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Pittsburgh Science & Technology Academy Grades 6-8 Mathematics:
 Students demonstrated high levels of performance in grades 6-8 in the school's opening year.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Another District goal is to narrow the academic disparity between African-American and White students. The disparity narrowed on a majority of PSSA exams (12 of 14) since 2007.

Again, the middle grades are making the most progress.

Reading Disparity: Over the past three years, the disparity was reduced on 6 of 7 exams while achievement for both African American and White students increased on 6 of the exams.

Grade	Disparity from 2007 to 2010 African American Reading Proficiency	Disparity from 2007 to 2010 White Reading Proficiency	% Change in Academic Disparity from 2007 to 2010
3	-	+	15.9%
4	+	+	-3.8%
5	+	+	-9.2%
6	+	+	-6.8%
7	+	+	-9.4%
8	+	+	-43.8%
11	+	+	-5.2%

+ Increase in proficiency
- Decrease in proficiency

Increase in disparity
Decrease in disparity

Mathematics Disparity: Over the past three years, the disparity was reduced on 6 of 7 exams while achievement for both African American and White students increased on 4 of the exams.

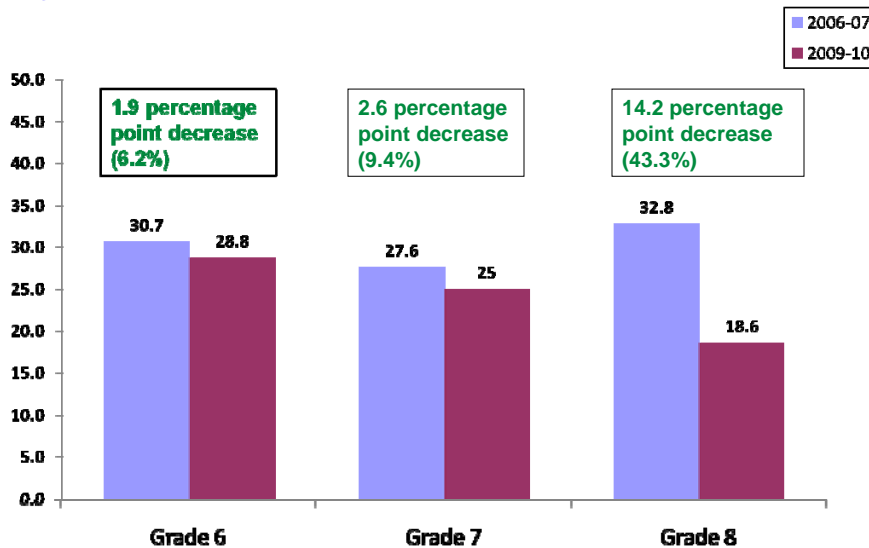
Grade	Disparity from 2007 to 2010 African American Mathematics Proficiency	Disparity from 2007 to 2010 White Mathematics Proficiency	% Change in Academic Disparity from 2007 to 2010
3	+	+	4.2%
4	+	+	-13.0%
5	+	-	-27.0%
6	+	+	-30.6%
7	+	+	-4.2%
8	+	+	-4.3%
11	+	-	-6.6%

+ Increase in proficiency
 - Decrease in proficiency

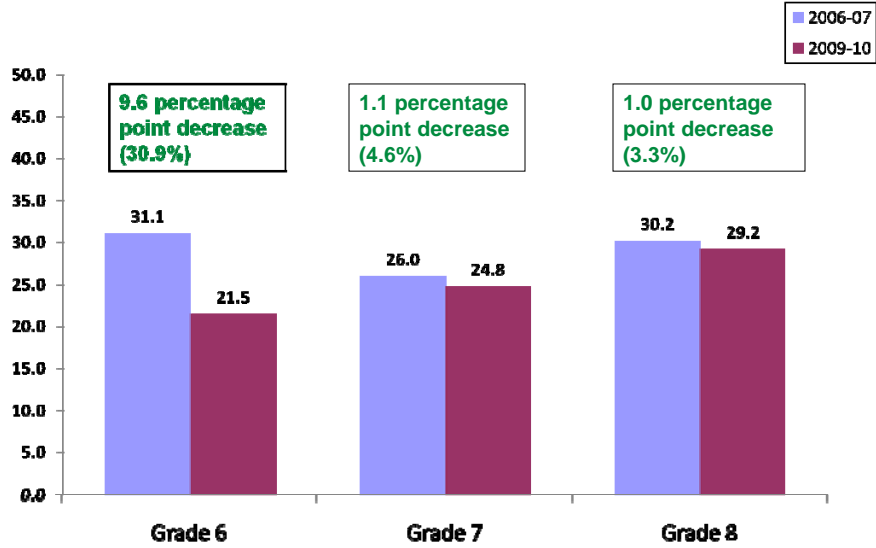
Increase in disparity
 Decrease in disparity

Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Reading Disparity: Over the past three years, grade 8 showed the largest reduction in the disparity, 14.2 points (43.3%).



Mathematics Disparity: Over the past three years, grade 6 showed the largest reduction in the disparity, 9.6 points (30.9%).



Over the past three years, 10 schools, nine of which are K-8, showed the greatest improvement in the percent of African-American students scoring proficient and advanced in Reading in grades 6-8.

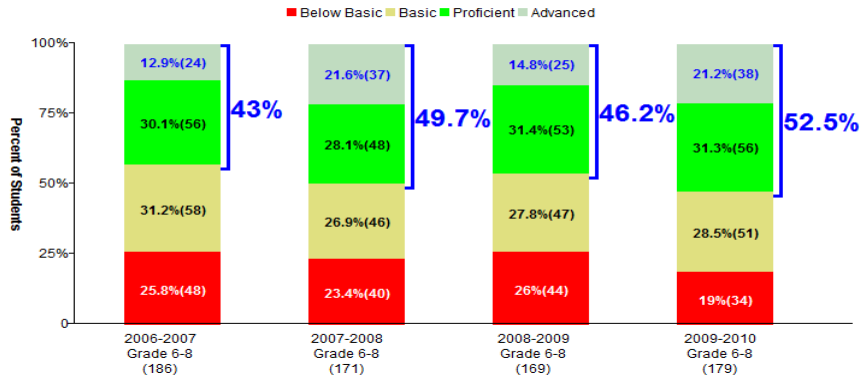
Pittsburgh Allegheny 6-8
 Pittsburgh Carmalt K-8
 Pittsburgh Faison K-8
 Pittsburgh Greenfield K-8
 Pittsburgh Lincoln K-8

Pittsburgh Manchester K-8
 Pittsburgh Montessori K-8
 Pittsburgh Schaeffer K-8
 Pittsburgh Sunnyside K-8
 Pittsburgh Weil ALA K-8

Spotlight Pittsburgh Allegheny 6-8

African American proficiency in Reading in grades 6-8 increased 9.5 points (22.1%) since 2007.

Allegheny - African American Students - Trend in PSSA Reading Performance Grade 6-8



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Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Over the past three years, 10 schools, eight of which are K-8, showed the greatest improvement in the percent of African-American students scoring proficient and advanced in Mathematics in grades 6-8.

Pittsburgh Allegheny 6-8
 Pittsburgh CAPA 6-12
 Pittsburgh Carmalt K-8
 Pittsburgh Lincoln K-8
 Pittsburgh Manchester K-8

Pittsburgh Murray K-8 ALA
 Pittsburgh Schaeffer K-8
 Pittsburgh Sunnyside K-8
 Pittsburgh Weil K-8 ALA
 Pittsburgh Westwood K-8

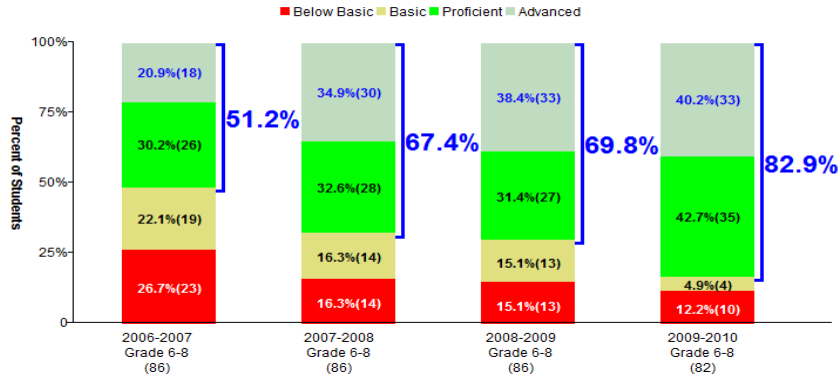
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Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Spotlight Pittsburgh Carmalt

African American proficiency in Mathematics in grades 6-8 increased 31.7 points (62%) since 2007.

Carmalt - African American Students - Trend in PSSA Mathematics Performance Grade 6-8



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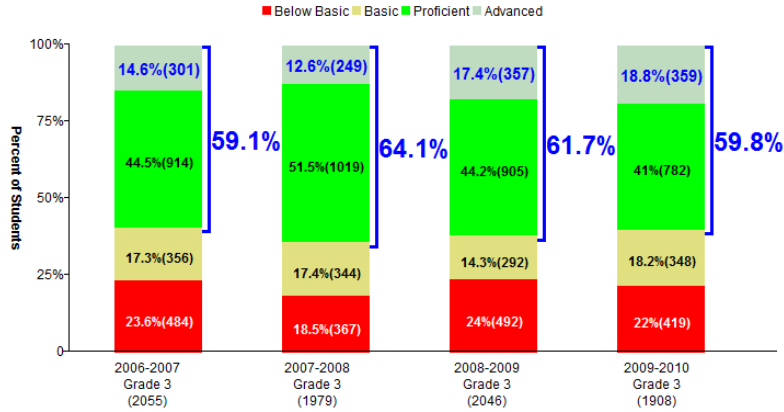
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Over the past three years, the District has made gains in Reading and Mathematics in grades 3-5, achieving relatively high levels of performance in Mathematics.

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Grade 3 Reading Proficiency: Decreased 1.9 points (3.1%) from 2009 and increased 0.7 points (1.2%) since 2007. **Advanced:** Increased 1.4 points (8%) from 2009 and 4.2 points (28.8%) since 2007.

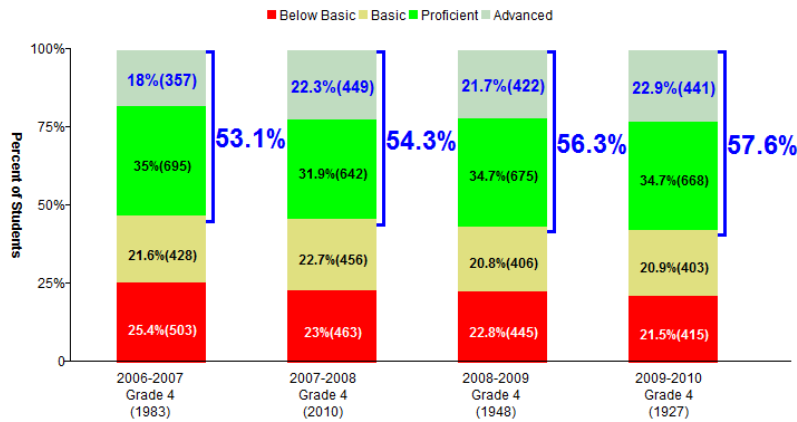
District Trend in PSSA Reading Performance
Grade 3



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

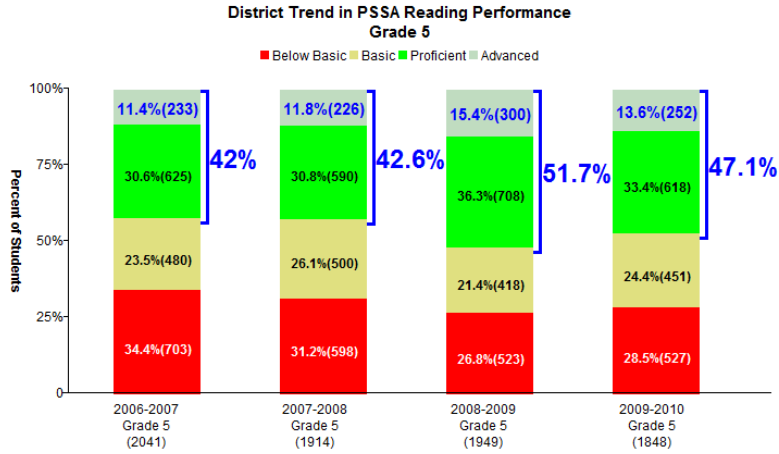
Grade 4 Reading Proficiency: Increased 1.3 points (2.3%) from 2009 and 4.5 points (8.5%) since 2007. **Advanced:** Increased 1.2 points (5.5%) from 2009 and 4.9 points (27.2%) since 2007.

District Trend in PSSA Reading Performance
Grade 4



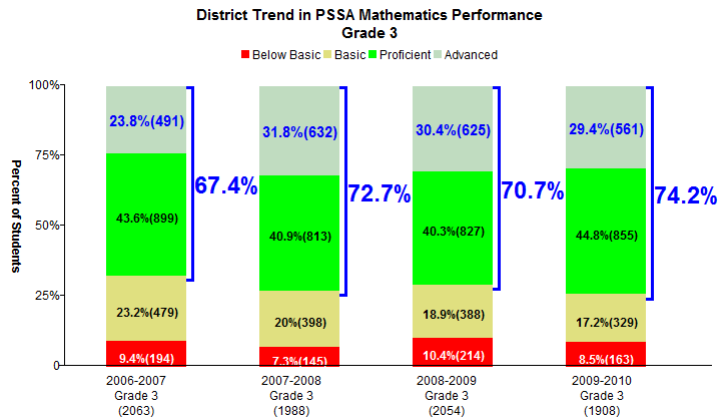
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 5 Reading Proficiency: Decreased 4.6 points (8.9%) from 2009 and increased 5.1 points (12.1%) since 2007. **Advanced:** Decreased 1.8 points (11.7%) from 2009 and increased 2.2 points (19.3%) since 2007.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

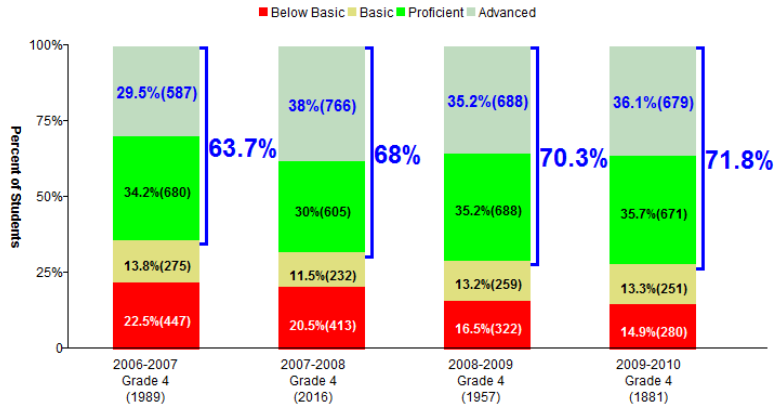
Grade 3 Mathematics Proficiency: Increased 3.5 points (5.0%) from 2009 and 6.8 points (10.1%) since 2007. **Advanced:** Decreased 1 point (3.3%) from 2009 and increased 5.6 points (23.6%) since 2007.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 4 Mathematics Proficiency: Increased 1.5 points (2.1%) from 2009 and 8.1 points (12.7%) since 2007. **Advanced:** Increased .9 points (2.6%) from 2009 and 6.6 points (22.4%) since 2007.

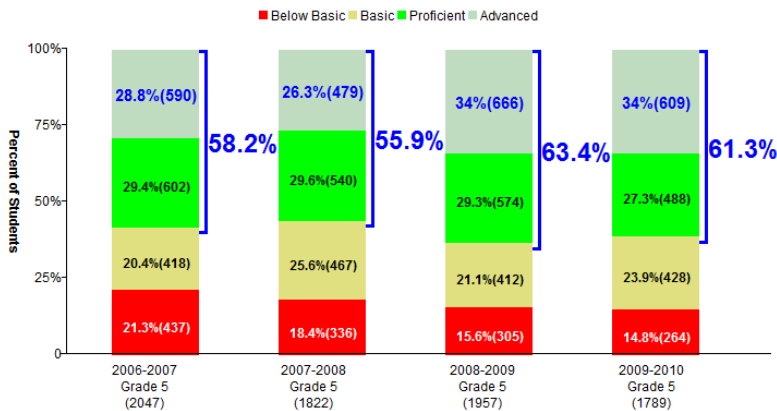
District Trend in PSSA Mathematics Performance
Grade 4



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Grade 5 Mathematics Proficiency: Decreased 2.1 points (3.3%) from 2009 and increased 3.1 points (5.3%) since 2007. **Advanced:** Increased 5.2 points (18.1%) since 2007.

District Trend in PSSA Mathematics Performance
Grade 5



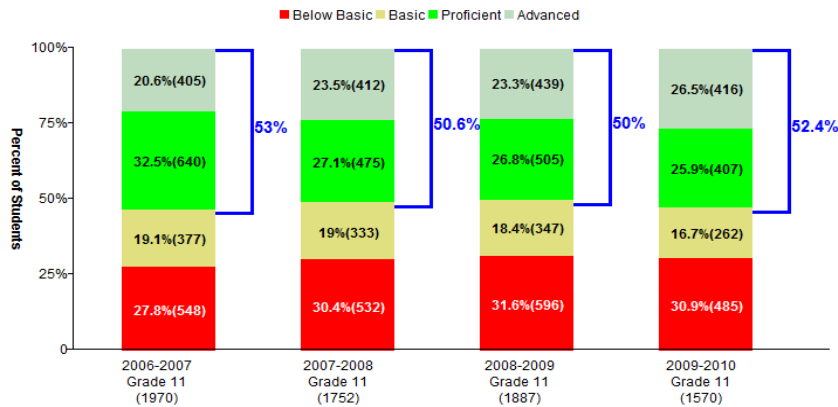
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

2009-2010 results confirm that we must do even more to accelerate our commitment to making dramatic changes in high schools.

There has been some progress in the percent of students moving to the advanced level in both Reading and Mathematics.

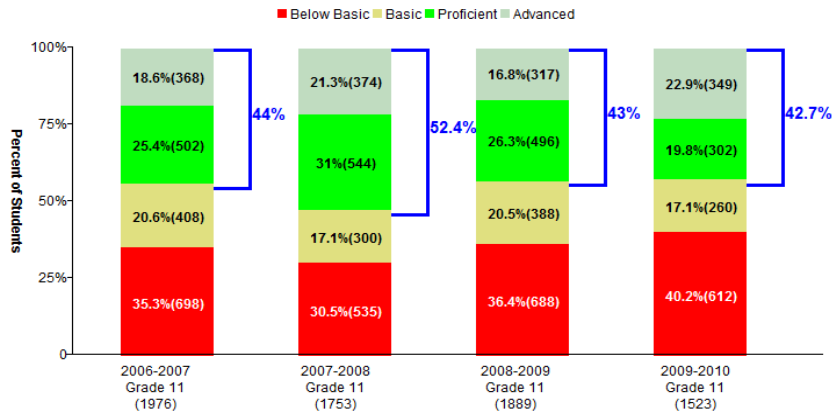
Grade 11 Reading: Increased 2.4 points (4.8%) from 2009 and decreased 0.6 points (1.1%) since 2007. **Advanced:** Increased 3.2 points (13.8%) from 2009 and 5.9 points (28.7%) since 2007.

**District Trend in PSSA Reading Performance
Grade 11**



Grade 11 Mathematics Proficiency: Decreased 0.3 points (0.7%) from 2009 and 1.4 points (3.2%) since 2007. **Advanced:** Increased 6.1 points (36.3%) from 2009 and 4.3 points (23.2%) since 2007.

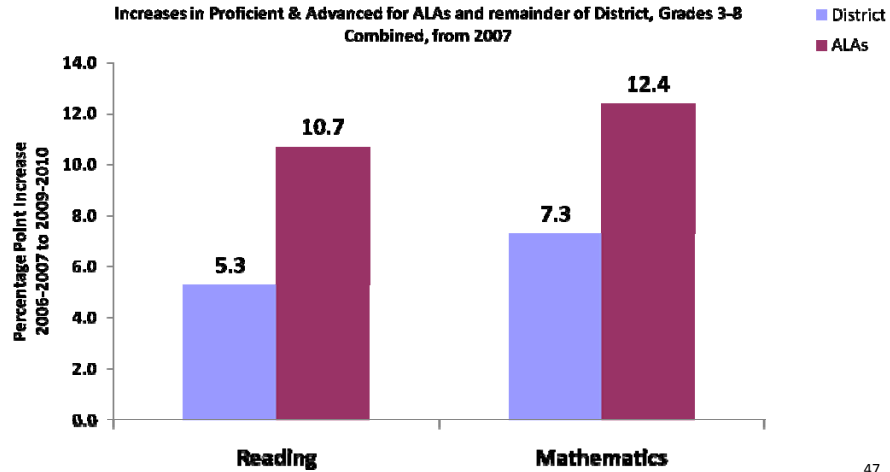
District Trend in PSSA Mathematics Performance
Grade 11



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

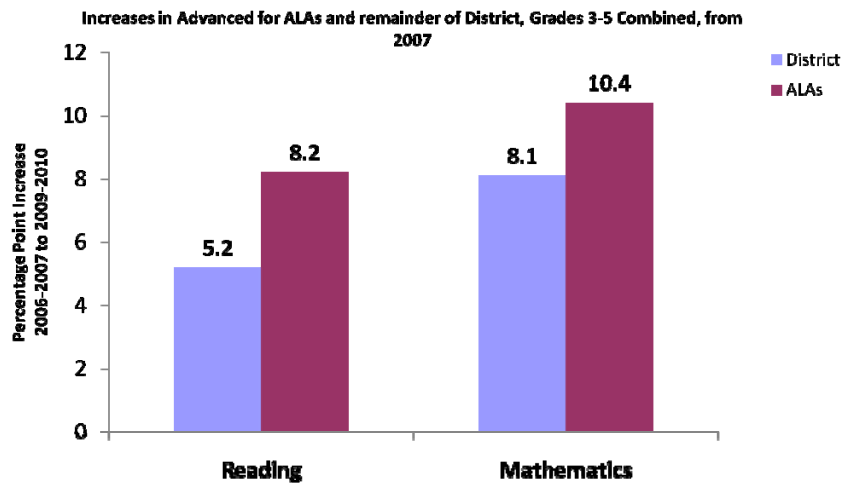
Over the past three years, Accelerated Learning Academies' (ALA) gains are larger than the remainder of the District.

Since 2007, students in ALAs posted increases in proficient and advanced 2 times greater than the remainder of the District in Reading and 1.7 times greater in Mathematics.



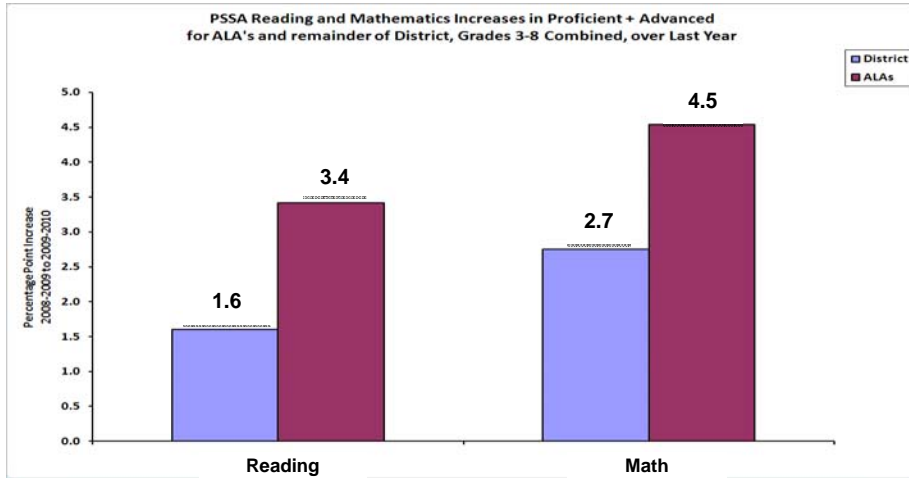
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

Since 2007, students in ALAs posted increases in advanced 1.6 times greater than the remainder of the District in Reading and 1.3 times greater in Mathematics.



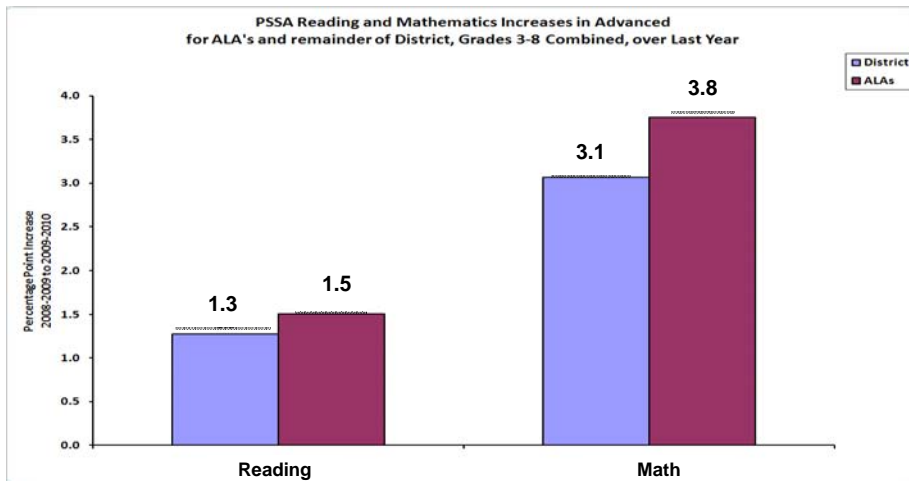
Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

From 2009 to 2010, students in ALAs posted increases in proficient and advanced 2.1 times greater than the remainder of the District in Reading and 1.7 times greater in Mathematics.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

From 2009 to 2010, students in ALAs posted increases in advanced 1.2 times greater than the remainder of the District in Reading and 1.2 times greater in Mathematics.



Data Source: 2009-2010 Preliminary PSSA data from the Pennsylvania Department of Education

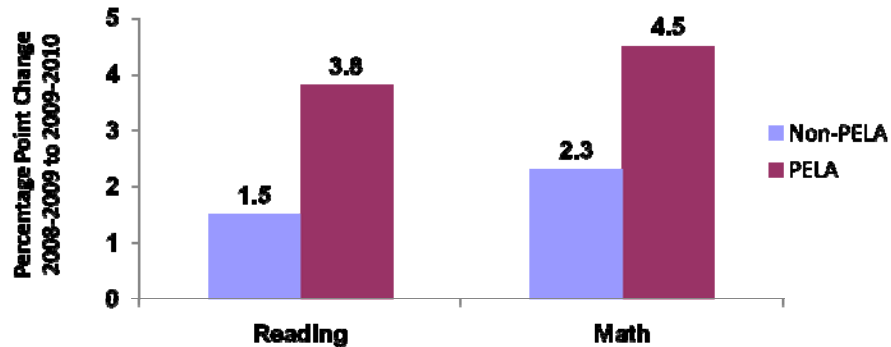
Pittsburgh Emerging Leadership Academy (PELA), one of the District's major reform efforts, continues to show promising results in the second year of implementation.

Schools with Principals who participated in PELA

Pittsburgh Allderdice 9-12	Pittsburgh Rooney ALA 6-8
Pittsburgh Arsenal K-5	Pittsburgh Schiller 6-8
Pittsburgh CAPA 6-12	Pittsburgh West Liberty K-5
Pittsburgh Langley 9-12	Pittsburgh Westinghouse 9-12
Pittsburgh Morrow K-5	

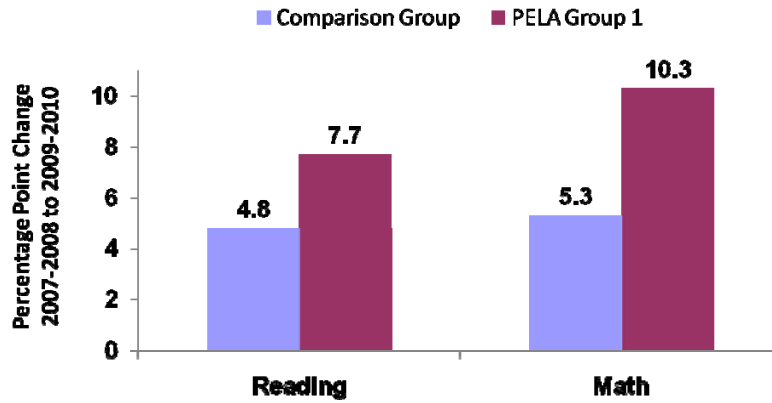
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From 2009 to 2010, students in schools led by Principals who participated in PELA posted increases in proficient and advanced 2.5 times greater in Reading and 2 times greater in Mathematics than the remainder of the District.

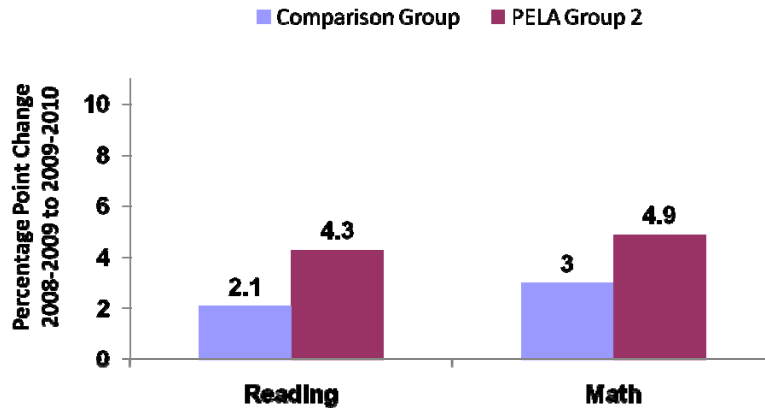


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Four schools with PELA-trained principals for 2 years showed larger performance increases from 2008 to 2010 than schools without a PELA principal -- 1.6 times larger in Reading and nearly 2 times larger in Mathematics.



After just one year, six schools with PELA-trained principals showed larger performance increases than schools without a PELA principal – 2 times larger in Reading and 1.6 times larger in Mathematics.



What have we learned?

There is evidence to suggest that constructive change advances achievement.

There are more dramatic gains where we have been more aggressive, such as:

- Moving students to higher performing schools and/or providing enhanced educational programs,
- Reducing the number of school transitions students make,
- Implementing a district-wide curriculum,
- Using data to provide students the support they need.

To continue to accelerate the achievement of students in grades 6-8 so that all students arrive to 9th Grade prepared for the rigors of high school, the District has utilized its stimulus funds to launch Summer Dreamers.



Let's welcome a few of this summer's campers!

Summer Dreamers Chant:

**“You gotta be ... what?
You gotta be ... what?
You gotta be ... what?
You gotta be **BIG DREAMERS!**”
(Repeat)**

**“I am a Big Dreamer
I know what to do
I will grad-u-ate
And I’ll GET the Promise too!”**

**WE have got the knowledge
WE have lots of fun
WE will go to college
And show YOU just how it's
done!”**

**“Now, IF you want to doubt us
And DON'T believe it's true
Then COME to Summer
Dreamers
And SEE what we can do!”**

**“You gotta be ... what?
You gotta be ... what?
You gotta be ... what?
You gotta be **BIG DREAMERS!**
(Repeat)”**

Thank You!



Pittsburgh
Public Schools

EXCELLENCE
FOR ALL

The Pathway to the Promise.™