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## Outstanding Educational Performance Awards: Highlighting High-Achieving Arkansas Schools, 2014

Charlene A. Reid

Gary W. Ritter

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**ARKANSAS EDUCATION REPORT**  
*Volume 10, Issue 1*

**OUTSTANDING EDUCATIONAL PERFORMANCE AWARDS:  
HIGHLIGHTING HIGH ACHIEVING ARKANSAS SCHOOLS, 2014**

**MOST IMPROVED SCHOOLS:  
BENCHMARK AND END-OF-COURSE EXAM GROWTH  
2009 TO 2014**

**December 3, 2014**

**By:**

**Charlene A. Reid  
Gary W. Ritter**

**Office for Education Policy  
University of Arkansas  
211 Graduate Education Building  
Fayetteville, AR 72701  
Phone: (479) 575-3773  
Fax: (479) 575-3196  
E-mail: [oe@uark.edu](mailto:oe@uark.edu)**

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## INTRODUCTION

Since our founding in 2003, the mission of the Office for Education Policy has been looking at pressing issues through the lens of academic research and disseminating our findings to educators, policymakers, and other stakeholders around Arkansas. *Every once in a while, however, we think it is okay to stray from issue analysis and simply share some good news!*

In this Arkansas Education Report (AER), we aim to highlight excellent performance and offer our congratulations. To that end, we are happy to highlight many excellent schools around the state in our now-annual AER, entitled the **Outstanding Educational Performance Awards**, or the OEP awards.

Over a three month period this fall, a new set of **OEP Awards** will be released every couple of weeks to highlight high-performing schools in Arkansas on the Benchmark exam in math and literacy, and End-Of-Course (EOC) exams in Algebra, Geometry, Literacy (Grade 11), and Biology.

Two years ago, we first introduced an academic performance indicator, the “**GPA**” **rating system**, to rank the highest-performing schools. In the past, the rankings were created based on the percentage of students scoring at the proficient or advanced level on each assessment. Generally, when discussing academic achievement on the Benchmark exams, policymakers focus on this figure. However, the proficiency indicator suffers from being an “all-or-nothing” measure, in which a student is either proficient or not.

The proficiency measure disregards real information provided by student scores that are placed into the four different performance categories: below basic, basic, proficient, and advanced. Additionally, this mark does not differentiate between a school in which 100% of students score proficient and a school in which 100% of students score advanced. Both of these schools would show 100% of students performing at proficient and advanced levels; however, in the latter school, students actually performed at a significantly higher level. Thus, a slightly more informative indicator gives the most credit to students who score at the advanced level and the least credit to students who score at the below basic level. For such purposes, we have created the “GPA” rating system. In this GPA measure, parallel to the familiar grade point average for individual students, we treat the Benchmark test scores in a similar way, whereby a 4.0 is a perfect score.

<b>Category</b>	<b>GPA Points Awarded</b>
<b>Advanced</b>	4.0
<b>Proficient</b>	3.0
<b>Basic</b>	2.0
<b>Below Basic</b>	1.0

The GPA measure, we believe, is a better representation of student achievement on statewide standardized exams. In this report, we are presenting a list of the top 25 schools in each area. In

some cases, these "top 25 lists" will contain more than 25 schools as some schools' GPA scores will be identical. This is not a new phenomenon, as we also exceeded 25 schools in previous reports when using the percent proficient and advanced metric as an indicator for student achievement; however, there are fewer ties using the more precise GPA measure.

After we present our overall snapshot of high-performing schools, we will release subsequent reports every few weeks focusing on different subsets of schools. In the following weeks, we will focus on high-performing elementary schools, middle schools, and high schools in the various regions across the state. Then, we will feature schools that are beating the odds (that is, schools that have high levels of student achievement while serving a high percentage of low-income students). Finally, we will conclude our report by focusing on the schools with the greatest improvement in test scores. Our release schedule is:

- **High-Achieving “Overall” Schools in Arkansas**
- **High-Achieving Elementary Schools**
- **High-Achieving Middle Schools**
- **High-Achieving High Schools**
- **Beating the Odds: High-Achieving Schools Serving Low-Income Communities**
- **Most Improved Schools**

Stay tuned over the next ten weeks to see which schools in your area are recognized for our **OEP Awards!**

## VI. 2014 OEP Awards: Most Improved Schools Between 2009 and 2014

In this set of OEP Awards, schools are awarded based on improvement on Benchmark exams at the elementary and middle school level in Mathematics and Literacy, and End-of-Course exams in Algebra, Geometry, Biology, and Grade 11 Literacy. We rank schools by greatest improvement, where our measure of improvement is simply the difference between the ending score and the starting score over this time period. We also highlight the five most improved schools in each region in each of the subject areas.

In this section, we use the GPA rating system described in the introduction. With the GPA measure, schools are given credit for the number of advanced, proficient, basic, and below basic students.<sup>1</sup> Thanks to the availability of many years of testing data, we were able to construct a growth score that is less susceptible to the potential instability of year-to-year changes due to an abnormally high or low score in either of the two observed years. To smooth out abnormally high or low scores in one particular year, we use multi-year averages for both the beginning score and the ending score over the five year time period. The starting score is the average score from the 2008-09 and 2009-10 school years; and the ending score is the average of the two most recent school years (2012-13 and 2013-14). Due to the time span of the data, there are currently operating schools not included in this report, because these schools did not exist in the 2008-09 or 2009-10 school years.

Each table presents the most improved schools for the noted Benchmark and End-of-Course Exam. The tables include the region in which the school is located, the grades served, region, and level of poverty (Free-and-Reduced Lunch rates), in addition to two measures of academic growth over roughly the past half-decade. To demonstrate academic growth, we not only show the GPA increase used to compile the rankings, but we also show the point increase in the percent of students achieving at the proficient or advanced levels over that same time period. On the Office for Education Policy website, you can access the complete growth database: <http://www.officeforeducationpolicy.org/arkansas-schools-data/>. This database is especially helpful because it lists each school's annual End-of-Course Exam results since the 2008-09 academic year. Schools can be compared by Free-and-Reduced Lunch (FRL) status or by region. We recommend you examine the database and see the growth that Arkansas' schools have made.

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<sup>1</sup> The GPA rating is a score derived from an average where, an advanced score is counted as a 4.0 like an "A", proficient score as a 3.0, like a "B", basic score as a 2.0, like a "C", and below basic as a 1.0, like a grade of "D".

## BB. Elementary Schools, Mathematics

Table 162: Top 20 Most Improved Elementary Schools Based on Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL <sup>2</sup>	Proficient/Advanced % Initial→End <sup>3</sup>	GPA Initial→End <sup>4</sup>	GPA Growth <sup>5</sup>
	<b>State Average</b>	-	-	63%	75%→74%	3.06→3.02	-0.04
1	Seventh Street Elementary School (North Little Rock) ♦	CN	K-5	97%	44%→72%	2.33→2.97	+0.64
2	Union Elementary School (Texarkana) ♦	SW	K-4	96%	51%→75%	2.52→3.13	+0.61
3	Mayflower Elementary School (Mayflower)	CN	P-4	64%	67%→90%	2.86→3.44	+0.59
4	Wilson Elementary School (Little Rock) ♦	CN	P-5	52%	40%→63%	2.21→2.77	+0.56
5	Marvell-Elaine Elementary School (Marvell) ♦	SE	P-5	98%	61%→81%	2.7→3.24	+0.55
6	Harry C. Morrison Elementary School (Fort Smith) ♦	NW	P-6	93%	50%→71%	2.44→2.98	+0.54
7	Lynch Drive Elementary School (North Little Rock) ♦	CN	K-5	98%	33%→57%	2.08→2.6	+0.52
8	George Elementary School (Springdale) ♦	NW	K-5	85%	58%→78%	2.66→3.17	+0.51
9	Terry Elementary School (Little Rock)	CN	P-5	82%	62%→80%	2.72→3.21	+0.50
9	Trusty Elementary School (Fort Smith) ♦	NW	K-6	96%	41%→63%	2.26→2.76	+0.50
11	Academics Plus Elementary School (Academics Plus)	CN	K-5	22%	71%→86%	2.97→3.42	+0.45
11	Augusta Elementary School (Augusta) ♦	NE	P-6	100%	52%→74%	2.57→3.02	+0.45
11	Centerpoint Primary School (Centerpoint) ♦	SW	P-3	69%	82%→96%	3.22→3.66	+0.45
14	Wilmot Elementary School (Hamburg)	SE	P-5	93%	51%→72%	2.5→2.92	+0.42
15	East Side Elementary School (Magnolia)	SW	K-3	74%	66%→80%	2.84→3.25	+0.41
15	Marvin Primary School (Mulberry-Pleasant View)	NW	K-4	79%	63%→82%	2.83→3.24	+0.41

<sup>2</sup> Free-and-reduced lunch rates from the 2013-14 school year

<sup>3</sup> Initial Proficient/Advanced % is an average of the 2008-09 and 2009-10 school years. End Proficient/Advanced % is an average of the 2012-13 and 2013-14 school years.

<sup>4</sup> Initial GPA is an average of the 2008-09 and 2009-10 school years. End GPA is an average of the 2012-13 and 2013-14 school years.

<sup>5</sup> Due to rounding of numbers, there may be slight differences between the overall growth GPA and the GPA Initial→End column. Refer to the OEP growth database for exact numbers.

	<b>School (District)</b>	<b>Region</b>	<b>Grades Served</b>	<b>% FRL<sup>2</sup></b>	<b>Proficient/Advanced % Initial→ End<sup>3</sup></b>	<b>GPA Initial→ End<sup>4</sup></b>	<b>GPA Growth<sup>5</sup></b>
<b>17</b>	Brookland Elementary School (Brookland) ♦	NE	P-3	37%	83%→ 96%	3.27→3.67	+0.40
<b>18</b>	Smackover Elementary School (Smackover)	SW	K-6	57%	64%→ 81%	2.82→3.2	+0.39
<b>19</b>	Des Arc Elementary School (Des Arc)	SE	P-6	76%	81%→ 91%	3.18→3.54	+0.36
<b>20</b>	Lincoln Elementary School (Lincoln)	NW	P-4	72%	75%→ 87%	3.11→3.46	+0.35
<b>20</b>	Sunnymede Elementary School (Fort Smith) ♦	NW	K-6	94%	63%→ 79%	2.82→3.18	+0.35
<b>20</b>	Vera Kilpatrick Elementary School (Texarkana)	SW	K-4	89%	65%→ 80%	2.89→3.24	+0.35

♦ Indicates school placed on same list in 2012-13.



Tables 163-167: Top 5 Most Improved Elementary Schools in Arkansas by Region, Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 163: Top 5 Most Improved Elementary Schools in **Northwest** Arkansas  
Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Harry C. Morrison Elementary School (Fort Smith) ♦	P-6	93%	50%→71%	2.44→2.98	+0.54
2	George Elementary School (Springdale)	K-5	85%	58%→78%	2.66→3.17	+0.51
3	Trusty Elementary School (Fort Smith) ♦	K-6	96%	41%→63%	2.26→2.76	+0.50
4	Marvin Primary School (Mulberry-Pleasant View)	K-4	79%	63%→82%	2.83→3.24	+0.41
5	Lincoln Elementary School (Lincoln)	P-4	72%	75%→87%	3.11→3.46	+0.35
5	Sunnymede Elementary School (Fort Smith) ♦	K-6	94%	63%→79%	2.82→3.18	+0.35



Table 164: Top 5 Most Improved Elementary Schools in **Northeast** Arkansas  
Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Augusta Elementary School (Augusta) ♦	P-6	100%	52%→74%	2.57→3.02	+0.45
2	Brookland Elementary School (Brookland) ♦	P-3	37%	83%→96%	3.27→3.67	+0.40
3	Greene County Tech Elementary School (Greene County Tech)	2-3	57%	76%→86%	3.11→3.40	+0.29
4	Manila Elementary School (Manila)	P-4	63%	76%→86%	3.11→3.35	+0.24
5	Mammoth Spring Elementary School (Mammoth Spring)	K-6	66%	79%→91%	3.30→3.52	+0.22



Table 165: Top 5 Most Improved Elementary Schools in **Central** Arkansas  
Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Seventh Street Elementary School (North Little Rock) ♦	K-5	97%	44%→72%	2.33→2.97	+0.64
2	Mayflower Elementary School (Mayflower)	P-4	64%	67%→90%	2.86→3.44	+0.59
3	Wilson Elementary School (Little Rock) ♦	P-5	52%	40%→63%	2.21→2.77	+0.56
4	Lynch Drive Elementary School (North Little Rock)	K-5	98%	33%→57%	2.08→2.60	+0.52
5	Terry Elementary School (Little Rock)	P-5	82%	62%→80%	2.72→3.21	+0.50



Table 166: Top 5 Most Improved Elementary Schools in **Southwest** Arkansas  
Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Union Elementary School (Texarkana) ♦	K-4	96%	51%→75%	2.52→3.13	+0.61
2	Centerpoint Primary School (Centerpoint)	P-3	69%	82%→96%	3.22→3.66	+0.45
3	East Side Elementary School (Magnolia)	K-3	74%	66%→80%	2.84→3.25	+0.41
4	Smackover Elementary School (Smackover)	K-6	57%	64%→81%	2.82→3.20	+0.39
5	Vera Kilpatrick Elementary School (Texarkana) ♦	K-4	89%	65%→80%	2.89→3.24	+0.35



*Table 167: Top 5 Most Improved Elementary Schools in **Southeast** Arkansas  
Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Marvell-Elaine Elementary School (Marvell) ♦	P-5	98%	61%→81%	2.70→3.24	+0.55
<b>2</b>	Wilmot Elementary School (Hamburg) ♦	P-5	93%	51%→72%	2.50→2.92	+0.42
<b>3</b>	Des Arc Elementary School (Des Arc) ♦	P-6	76%	81%→91%	3.18→3.54	+0.36
<b>4</b>	Park Avenue Elementary School (Stuttgart)	K-4	75%	67%→74%	2.88→3.04	+0.16
<b>5</b>	Clarendon Elementary School (Clarendon)	K-6	94%	52%→60%	2.48→2.63	+0.15

## CC. Elementary Schools, Literacy

Table 168: Top 20 Most Improved Elementary Schools Based on Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
	<b>State Average</b>	-	-	<b>63%</b>	<b>71%→78%</b>	<b>2.94→3.18</b>	<b>+0.24</b>
1	Union Elementary School (Texarkana) ♦	SW	K-4	96%	40%→80%	2.24→3.15	+0.90
2	Marvell-Elaine Elementary School (Marvell)	SE	P-5	98%	41%→80%	2.31→3.18	+0.86
3	Wilson Elementary School (Little Rock)	CN	P-5	52%	58%→87%	2.65→3.39	+0.74
3	Oaklawn Magnet School (Hot Springs)	CN	K-4	80%	27%→63%	2.01→2.75	+0.74
5	Lynch Drive Elementary School (North Little Rock) ♦	CN	K-5	98%	36%→71%	2.23→2.95	+0.73
6	Seventh Street Elementary School (North Little Rock) ♦	CN	K-5	97%	44%→75%	2.32→3.01	+0.69
6	Vera Kilpatrick Elementary School (Texarkana) ♦	SW	K-4	89%	52%→81%	2.53→3.22	+0.69
8	Harry C. Morrison Elementary School (Fort Smith) ♦	NW	P-6	93%	37%→73%	2.30→2.98	+0.68
9	Manila Elementary School (Manila)	NE	P-4	63%	67%→89%	2.82→3.49	+0.67
9	Scott Elementary School (Pulaski County Special)	CN	P-5	87%	44%→77%	2.36→3.03	+0.67
11	George Elementary School (Springdale)	NW	K-5	85%	48%→75%	2.47→3.12	+0.65
11	Lakeside Elementary School (Lakeside Chicot County)	SE	K-5	100%	52%→78%	2.52→3.17	+0.65
13	St. Paul Elementary School (Huntsville)	NW	K-6	76%	38%→68%	2.29→2.92	+0.63
13	Hardin Elementary School (White Hall)	CN	K-5	50%	77%→95%	3.02→3.66	+0.63
13	Boone Park Elementary School (North Little Rock)	CN	P-5	97%	66%→88%	2.77→3.40	+0.63
13	Wilmot Elementary School (Hamburg)	SE	P-5	93%	45%→68%	2.40→3.03	+0.63
17	Marvin Primary School (Mulberry-Pleasant View)	NW	K-4	79%	62%→87%	2.76→3.37	+0.61
17	Centerpoint Primary School (Centerpoint)	SW	P-3	69%	62%→88%	2.80→3.41	+0.61
17	Des Arc Elementary School (Des Arc)	SE	P-6	76%	59%→78%	2.55→3.15	+0.61
20	Trusty Elementary School (Fort Smith) ♦	NW	K-6	96%	37%→67%	2.23→2.82	+0.58

♦ Indicates school placed on same list in 2012-13.

Tables 169-173: Top 5 Most Improved Elementary Schools in Arkansas by Region, Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 169: Top 5 Most Improved Elementary Schools in **Northwest** Arkansas Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Harry C. Morrison Elementary School (Fort Smith) ♦	P-6	93%	37%→73%	2.30→2.98	+0.68
2	George Elementary School (Springdale)	K-5	85%	48%→75%	2.47→3.12	+0.65
3	St. Paul Elementary School (Huntsville)	K-6	76%	66%→88%	2.77→3.40	+0.63
4	Marvin Primary School (Mulberry-Pleasant View)	K-4	79%	59%→78%	2.55→3.15	+0.61
5	Trusty Elementary School (Fort Smith) ♦	K-6	96%	37%→67%	2.23→2.82	+0.58



Table 170: Top 5 Most Improved Elementary Schools in **Northeast** Arkansas Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Manila Elementary School (Manila)	P-4	63%	67%→89%	2.82→3.49	+0.67
2	Augusta Elementary School (Augusta) ♦	P-6	100%	48%→77%	2.49→3.06	+0.57
3	Jackson Elementary School (West Memphis)	K-6	100%	53%→75%	2.53→3.03	+0.50
4	Palestine-Wheatley Elementary School (Palestine/Wheatley) ♦	K-4	100%	56%→78%	2.60→3.09	+0.48
5	Armored Elementary School (Armored)	K-6	41%	83%→93%	3.18→3.63	+0.45



*Table 171: Top 5 Most Improved Elementary Schools in **Central** Arkansas  
Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Oaklawn Magnet School (Hot Springs)	K-4	80%	58%→87%	2.65→3.41	+0.74
<b>1</b>	Wilson Elementary School (Little Rock)	P-5	52%	27%→63%	2.01→2.77	+0.74
<b>3</b>	Lynch Drive Elementary School (North Little Rock) ♦	K-5	98%	36%→57%	2.23→2.60	+0.73
<b>4</b>	Seventh Street Elementary School (North Little Rock) ♦	K-5	97%	44%→72%	2.32→2.97	+0.69
<b>5</b>	Scott Elementary School (Pulaski County Special)	P-5	87%	44%→55%	2.36→2.61	+0.67



*Table 172: Top 5 Most Improved Elementary Schools in **Southwest** Arkansas  
Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Union Elementary School (Texarkana)	K-4	96%	40%→80%	2.24→3.15	+0.90
<b>2</b>	Vera Kilpatrick Elementary School (Texarkana) ♦	K-4	89%	52%→81%	2.53→3.22	+0.69
<b>3</b>	Centerpoint Primary School (Centerpoint) ♦	P-3	69%	62%→87%	2.76→3.37	+0.61
<b>4</b>	East Side Elementary School (Magnolia)	K-3	74%	45%→66%	2.33→2.89	+0.56
<b>5</b>	Ivory Primary School (Camden-Fairview)	2-3	81%	55%→74%	2.52→3.06	+0.54



*Table 173: Top 5 Most Improved Elementary Schools in Southeast Arkansas  
Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Marvell-Elaine Elementary School (Marvell) ♦	P-5	98%	41%→80%	2.31→3.18	+0.86
<b>2</b>	Lakeside Elementary School (Lakeside Chicot County)	K-5	100%	52%→78%	2.52→3.17	+0.65
<b>3</b>	Wilmot Elementary School (Hamburg)	P-5	93%	45%→68%	2.40→3.03	+0.63
<b>4</b>	Des Arc Elementary School (Des Arc)	P-6	76%	62%→88%	2.80→3.41	+0.61
<b>5</b>	Park Avenue Elementary School (Stuttgart) ♦	K-4	75%	57%→77%	2.64→3.11	+0.47

## DD. Middle Schools, Math

Table 174: Top 20 Most Improved Middle Schools Based on Benchmark **Mathematics** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/ Advanced % Initial→ End	GPA Initial→ End	GPA Growth
	<b>State Average</b>	-	-	<b>63%</b>	<b>75%→74%</b>	<b>3.06→3.02</b>	<b>-0.04</b>
<b>1</b>	Augusta High School (Augusta)	NE	7-12	100%	18%→44%	1.47→2.26	+0.79
<b>2</b>	St. Joe High School (Ozark Mountain)	NW	7-12	65%	58%→87%	2.49→3.22	+0.73
<b>3</b>	Haas Hall Academy (Haas Hall Academy)	NW	8-12	1%	89%→99%	3.24→3.86	+0.61
<b>3</b>	St. Paul High School (Huntsville)	NW	7-12	73%	45%→71%	2.28→2.89	+0.61
<b>5</b>	Kirby High School (Kirby) ♦	SW	7-12	62%	46%→69%	2.22→2.81	+0.59
<b>6</b>	Brookland Middle School (Brookland)	NE	4-6	37%	64%→85%	2.72→3.29	+0.58
<b>7</b>	Marvell-Elaine High School (Marvell) ♦	SE	6-12	93%	25%→48%	1.79→2.36	+0.57
<b>8</b>	Belle Point Alternative Center (Fort Smith)	NW	7-12	90%	12%→37%	1.44→1.99	+0.55
<b>9</b>	Omaha High School (Omaha) ♦	NW	7-12	71%	57%→79%	2.55→3.03	+0.48
<b>10</b>	Newport Junior High School (Newport) ♦	NE	7-8	82%	59%→79%	2.58→3.05	+0.47
<b>11</b>	Hughes High School (Hughes)	NE	7-12	100%	19%→32%	1.62→2.05	+0.43
<b>12</b>	Buffalo Island Central Junior High School (Buffalo Island Central)	NE	7-9	59%	60%→75%	2.53→2.95	+0.42
<b>13</b>	Bruno-Pyatt High School (Ozark Mountain)	NW	7-12	75%	56%→74%	2.53→2.92	+0.39
<b>13</b>	Wonder Junior High School (West Memphis)	NE	7-9	100%	31%→47%	1.89→2.27	+0.39
<b>15</b>	Foreman High School (Foreman)	SW	7-12	67%	56%→73%	2.54→2.91	+0.38
<b>16</b>	Lafayette County High School (Lafayette County)	SW	7-12	80%	48%→61%	2.29→2.66	+0.37
<b>17</b>	Central Junior High School (Springdale)	NW	8-9	47%	59%→72%	2.53→2.88	+0.36
<b>17</b>	Manila Middle School (Manila)	NE	5-8	60%	62%→75%	2.67→3.02	+0.36
<b>17</b>	White County Central High School (White County Central)	NE	7-12	65%	58%→74%	2.54→2.90	+0.36
<b>20</b>	Southwest Junior High School (Springdale)	NW	8-9	64%	54%→67%	2.44→2.76	+0.32

♦ Indicates school placed on same list in 2012-13.



Tables 173-177: Top 5 Most Improved Middle Schools in Arkansas by Region, Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 173: Top 5 Most Improved Middle Schools in Northwest Arkansas Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	St. Joe High School (Ozark Mountain)	7-12	65%	58%→87%	2.49→3.22	+0.73
2	Haas Hall Academy (Haas Hall Academy)	8-12	1%	89%→99%	3.24→3.86	+0.61
2	St. Paul High School (Huntsville)	7-12	73%	45%→71%	2.28→2.89	+0.61
4	Belle Point Alternative Center (Fort Smith)	7-12	90%	12%→37%	1.44→1.99	+0.55
5	Omaha High School (Omaha) ♦	7-12	71%	57%→79%	2.55→3.03	+0.48



Table 174: Top 5 Most Improved Middle Schools in Northeast Arkansas Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Augusta High School (Augusta)	7-12	100%	18%→44%	1.47→2.26	+0.79
2	Brookland Middle School (Brookland)	4-6	37%	64%→85%	2.72→3.29	+0.58
3	Newport Junior High School (Newport)	7-8	82%	59%→79%	2.58→3.05	+0.47
4	Hughes High School (Hughes)	7-12	100%	19%→32%	1.62→2.05	+0.43
5	Buffalo Island Central Junior High School (Buffalo Island Central)	7-9	59%	60%→75%	2.53→2.95	+0.42



*Table 175 Top 5 Most Improved Middle Schools in **Central** Arkansas Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Academics Plus High School (Academics Plus)	6-12	27%	68%→70%	2.66→2.86	+0.21
<b>1</b>	Magnet Cove High School (Magnet Cove)	7-12	40%	73%→83%	2.94→3.14	+0.21
<b>3</b>	Sylvan Hills Middle School (Pulaski County Special)	6-8	53%	54%→61%	2.49→2.69	+0.20
<b>4</b>	Guy-Perkins High School (Guy-Perkins) ♦	7-12	58%	64%→72%	2.69→2.87	+0.18
<b>4</b>	Mountain Pine High School (Mountain Pine)	7-12	73%	58%→64%	2.45→2.64	+0.18



*Table 176: Top 5 Most Improved Middle Schools in **Southwest** Arkansas Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Kirby High School (Kirby) ♦	7-12	62%	46%→69%	2.22→2.81	+0.59
<b>2</b>	Foreman High School (Foreman) ♦	7-12	67%	56%→73%	2.54→2.91	+0.38
<b>3</b>	Lafayette County High School (Lafayette County)	7-12	80%	48%→61%	2.29→2.66	+0.37
<b>4</b>	McRae Middle School (Prescott)	5-6	73%	65%→77%	2.80→3.11	+0.31
<b>5</b>	Blevins High School (Blevins)	7-12	81%	54%→63%	2.42→2.68	+0.26



*Table 177: Top 5 Most Improved Middle Schools in Southeast Arkansas Benchmark Mathematics Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Marvell-Elaine High School (Marvell) ♦	6-12	93%	25%→48%	1.79→2.36	+0.57
<b>2</b>	Hamburg Middle School (Hamburg) ♦	6-8	59%	61%→72%	2.64→2.93	+0.29
<b>3</b>	Brinkley High School (Brinkley)	7-12	100%	45%→53%	2.24→2.48	+0.24
<b>4</b>	Clarendon High School (Clarendon) ♦	7-12	90%	41%→48%	2.14→2.35	+0.21
<b>5</b>	Barton High School (Barton-Lexa)	7-12	71%	52%→57%	2.36→2.54	+0.18

## EE. Middle Schools, Literacy

Table 178: Top 20 Most Improved Middle Schools Based on Benchmark *Literacy* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/ Advanced % Initial→ End	GPA Initial→ End	GPA Growth
	<b>State Average</b>	-	-	<b>63%</b>	<b>71%→78%</b>	<b>2.94→3.13</b>	<b>+0.19</b>
<b>1</b>	Augusta High School (Augusta)	NE	7-12	100%	33%→69%	2.13→2.85	+0.72
<b>2</b>	Brookland Middle School (Brookland)	NE	4-6	37%	68%→91%	2.82→3.50	+0.68
<b>3</b>	Kirby High School (Kirby)	SW	7-12	62%	56%→87%	2.56→3.23	+0.67
<b>4</b>	St. Paul High School (Huntsville) ♦	NW	7-12	73%	59%→79%	2.60→3.15	+0.55
<b>5</b>	Wonder Junior High School (West Memphis) ♦	NE	7-9	100%	39%→66%	2.29→2.81	+0.52
<b>6</b>	Hughes High School (Hughes)	NE	7-12	100%	38%→66%	2.23→2.74	+0.51
<b>6</b>	Omaha High School (Omaha) ♦	NW	7-12	71%	67%→86%	2.74→3.25	+0.51
<b>8</b>	Bradford High School (Bradford)	NE	7-12	74%	63%→82%	2.68→3.18	+0.50
<b>9</b>	McRae Middle School (Prescott) ♦	SW	5-6	73%	67%→83%	2.79→3.28	+0.49
<b>10</b>	Hector High School (Hector)	NW	7-12	70%	65%→87%	2.78→3.25	+0.48
<b>11</b>	Ouachita High School (Ouachita)	CN	7-12	46%	65%→88%	2.78→3.25	+0.47
<b>12</b>	Lafayette County High School (Lafayette County)	SW	7-12	80%	48%→68%	2.42→2.88	+0.46
<b>12</b>	Newport Junior High School (Newport)	NE	7-8	82%	59%→80%	2.66→3.13	+0.46
<b>15</b>	Foreman High School (Foreman)	SW	7-12	67%	64%→85%	2.80→3.23	+0.43
<b>15</b>	Pangburn High School (Pangburn) ♦	NE	7-12	51%	64%→84%	2.77→3.20	+0.43
<b>13</b>	Bigelow High School (East End)	NW	7-12	47%	74%→87%	2.85→3.25	+0.40
<b>13</b>	St. Joe High School (Ozark Mountain)	NW	7-12	65%	67%→81%	2.75→3.15	+0.40
<b>18</b>	Pleasant View Jr. High School (Mulberry-Pleasant View)	NW	7-9	79%	51%→72%	2.49→2.88	+0.39
<b>19</b>	Blevins High School (Blevins)	SW	7-12	81%	60%→73%	2.62→3.00	+0.38
<b>19</b>	Bruno-Pyatt High School (Ozark Mountain) ♦	NW	7-12	75%	65%→90%	2.77→3.16	+0.38
<b>19</b>	Norfolk High School (Norfolk)	NW	7-12	80%	77%→86%	2.93→3.31	+0.38

♦ Indicates school placed on same list in 2012-13.

Tables 179-183: Top 5 Most Improved Middle Schools in Arkansas by Region, Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 179: Top 5 Most Improved Middle Schools in **Northwest** Arkansas Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	St. Paul High School (Huntsville) ♦	7-12	73%	59%→79%	2.60→3.15	+0.55
2	Omaha High School (Omaha)	7-12	71%	67%→86%	2.74→3.25	+0.51
3	Hector High School (Hector)	7-12	70%	65%→87%	2.78→3.25	+0.48
4	Bigelow High School (East End)	7-12	47%	74%→87%	2.85→3.25	+0.40
4	St. Joe High School (Ozark Mountain)	7-12	65%	67%→81%	2.75→3.15	+0.40



Table 180: Top 5 Most Improved Middle Schools in **Northeast** Arkansas Benchmark **Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Augusta High School (Augusta)	7-12	100%	33%→69%	2.13→2.85	+0.72
2	Brookland Middle School (Brookland)	4-6	37%	68%→91%	2.82→3.50	+0.68
3	Wonder Junior High School (West Memphis) ♦	7-9	100%	39%→66%	2.29→2.81	+0.52
4	Hughes High School (Hughes) ♦	7-12	100%	38%→66%	2.23→2.74	+0.51
5	Bradford High School (Bradford)	7-12	74%	63%→82%	2.68→3.18	+0.50



*Table 181: Top 5 Most Improved Middle Schools in **Central** Arkansas Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Ouachita High School (Ouachita)	7-12	46%	65%→88%	2.78→3.25	+0.47
<b>2</b>	Raymond and Phyllis Simon Intermediate School (Conway)	5-7	52%	72%→83%	2.96→3.28	+0.32
<b>3</b>	Magnet Cove High School (Magnet Cove)	7-12	40%	70%→81%	2.85→3.16	+0.31
<b>4</b>	Greenbrier Middle School (Greenbrier)	6-7	32%	79%→89%	3.09→3.39	+0.30
<b>5</b>	Mt. Vernon/Enola High School (Mt. Vernon-Enola) ♦	7-12	53%	79→90%	2.99→3.28	+0.28



*Table 182: Top 5 Most Improved Middle Schools in **Southwest** Arkansas Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Kirby High School (Kirby)	7-12	62%	56%→87%	2.56→3.23	+0.67
<b>2</b>	McRae Middle School (Prescott)	5-6	73%	67%→83%	2.79→3.28	+0.49
<b>3</b>	Lafayette County High School (Lafayette County)	7-12	80%	48%→68%	2.42→2.88	+0.46
<b>4</b>	Foreman High School (Foreman)	7-12	67%	64%→85%	2.80→3.23	+0.43
<b>5</b>	Blevins High School (Blevins)	7-12	81%	60%→73%	2.62→3.00	+0.38



*Table 183: Top 5 Most Improved Middle Schools in Southeast Arkansas Benchmark Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→End</b>	<b>GPA Initial→End</b>	<b>GPA Growth</b>
<b>1</b>	Dermott High School (Dermott)	7-12	100%	39%→57%	2.27→2.62	+0.35
<b>2</b>	Crossett Middle School (Crossett) ♦	5-8	58%	54%→71%	2.58→2.93	+0.34
<b>3</b>	Brinkley High School (Brinkley)	7-12	100%	48%→66%	2.48→2.81	+0.32
<b>4</b>	Marvell-Elaine High School (Marvell)	6-12	93%	37%→53%	2.25→2.55	+0.31
<b>5</b>	Meekins Middle School (Stuttgart) ♦	5-6	64%	65%→74%	2.79→3.08	+0.30

## **FF. Algebra End-of-Course Exam**

Algebra is generally taken during the ninth grade; however, some students may elect to take this course earlier if they have taken prerequisite classes. Thus, the most advanced students take the course and the test in the 7<sup>th</sup> or 8<sup>th</sup> grade. Because of the likely academic differences between students who take algebra in the 8th and 9th grades, middle and junior high schools tend to have higher proficiency levels than do schools which serve 9<sup>th</sup> grade students. Due to these differences, these awards are split into three categories:

- High School (schools that serve 9<sup>th</sup> grade and above)
- Junior High and Comprehensive High School (schools that serve 8<sup>th</sup> and 9<sup>th</sup> grade)
- Middle School (schools that serve 8<sup>th</sup> grade and below)



Table 184: Top 10 Most Improved High Schools<sup>6</sup> Based on **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL <sup>7</sup>	Proficient/Advanced % Initial→End <sup>8</sup>	GPA Initial→End <sup>9</sup>	GPA Growth <sup>10</sup>
	<b>State Average</b>	-	-	56%	73%→76%	2.98→3.03	+0.05
1	Springdale Alternative School (Springdale)	NW	9-12	66%	10%→58%	1.53→2.72	+1.19
2	Beebe High School (Beebe)	NE	9-12	42%	41%→79%	2.35→3.10	+0.75
3	White Hall High School (White Hall)	CN	9-12	36%	42%→83%	2.44→3.17	+0.73
4	Dollarway High School (Dollarway)	CN	9-12	100%	9%→37%	1.57→2.24	+0.67
5	Lakeside High School (Lakeside Chicot County)	SE	9-12	100%	25%→59%	1.96→2.59	+0.63
6	Cedarville High School (Cedarville)	NW	9-12	100%	50%→82%	2.49→3.09	+0.60
7	Fouke High School (Fouke) ♦	SW	9-12	54%	43%→75%	2.37→2.94	+0.57
8	Eureka Springs High School (Eureka Springs) ♦	NW	9-12	58%	62%→85%	2.57→3.08	+0.50
8	Fountain Lake High School (Fountain Lake) ♦	CN	9-12	57%	62%→89%	2.65→3.15	+0.50
10	Cabot High School (Cabot)	CN	10-12	31%	46%→67%	2.46→2.94	+0.48
10	J. A. Fair High School (Little Rock)	CN	9-12	81%	20%→42%	1.84→2.33	+0.48

♦ Indicates school placed on same list in 2012-13.

<sup>6</sup> A school was designated High School if it served students in the 9<sup>th</sup> grade and did not serve 8<sup>th</sup> grade students.

<sup>7</sup> Free-and-reduced lunch rates from the 2013-14 school year

<sup>8</sup> Initial Proficient/Advanced % is an average of the 2008-09 and 2009-10 school years. End Proficient/Advanced % is an average of the 2012-13 and 2013-14 school years.

<sup>9</sup> Initial GPA is an average of the 2008-09 and 2009-10 school years. End GPA is an average of the 2012-13 and 2013-14 school years.

<sup>10</sup> Due to rounding of numbers, there may be slight differences between the overall growth GPA and the GPA Initial→End column. Refer to the OEP growth database for exact numbers.

Table 185: Top 10 Most Improved Schools Junior High Schools and Comprehensive High Schools<sup>11</sup> Based on **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
	<b>State Average</b>	-	-	56%	73%→76%	2.98→3.03	+0.05
1	Hughes High School (Hughes) ♦	NE	7-12	100%	25%→85%	1.99→3.01	+1.02
2	Emerson High School (Emerson-Taylor)	SW	7-12	44%	66%→97%	2.70→3.50	+0.80
3	Rural Special High School (Mountain View)	NE	7-12	52%	70%→97%	2.92→3.58	+0.66
4	Marshall High School (Searcy County) ♦	NW	7-12	68%	71%→99%	3.01→3.63	+0.62
4	St. Paul High School (Huntsville)	NW	7-12	73%	54%→88%	2.47→3.09	+0.62
6	Westside High School (Westside)	NW	7-12	100%	74%→92%	2.87→3.30	+0.43
7	Clarendon High School (Clarendon) ♦	SE	7-12	90%	44%→63%	2.33→2.75	+0.42
7	Nevada High School (Nevada)	SW	7-12	74%	63%→75%	2.60→3.03	+0.42
9	Fordyce High School (Fordyce)	SW	7-12	66%	28%→44%	1.96→2.37	+0.41
10	Maynard High School (Maynard)	NE	7-12	100%	55%→74%	2.56→2.97	+0.40

♦ Indicates school placed on same list in 2012-13.

<sup>11</sup> A school was designated a Junior High School or Comprehensive High School if it serves students in 8<sup>th</sup> and 9<sup>th</sup> grades.

Table 186: Top 10 Most Improved Middle Schools<sup>12</sup> Based on *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
	<b>State Average</b>	-	-	56%	73%→76%	2.98→3.03	+0.05
1	Beebe Junior High School (Beebe)	NE	7-8	49%	85%→100%	3.18→3.87	+0.69
2	White Hall Middle School (White Hall)	CN	6-8	44%	84%→99%	3.26→3.88	+0.61
3	Mabelvale Middle School (Little Rock) ♦	CN	6-8	91%	86%→100%	3.09→3.58	+0.50
4	Blytheville Middle School (Blytheville)	NE	6-8	83%	95%→100%	3.45→3.88	+0.43
5	Oakdale Middle School (Rogers) ♦	NW	6-8	71%	96%→100%	3.54→3.88	+0.34
6	Robert F. Morehead Middle School (Dollarway)	NW	6-8	100%	90%→93%	3.09→3.41	+0.32
6	Butterfield Trail Middle School (Van Buren)	CN	6-8	77%	71%→93%	2.95→3.27	+0.32
8	Covenant Keepers Charter (Covenant Keepers College Prep Charter)	CN	6-8	90%	34%→51%	2.23→2.53	+0.30
8	Henderson Middle School (Little Rock)	CN	6-8	89%	79%→86%	2.92→3.22	+0.30
10	Jacksonville Middle School (Pulaski County Special)	CN	6-8	78%	75%→89%	2.88→3.16	+0.28
10	Maumelle Middle School (Pulaski County Special) ♦	CN	6-8	42%	92%→97%	3.28→3.56	+0.28

♦ Indicates school placed on same list in 2012-13.

<sup>12</sup> A school was designated 8<sup>th</sup> Grade Middle School if it served students in grades 8 (and/or any grades below).

Tables 187-191: Top 5 Most Improved High Schools in Arkansas by Region, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 187: Top 5 Most Improved High Schools in **Northwest** Arkansas, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Springdale Alternative School (Springdale)	9-12	66%	10%→58%	1.53→2.72	+1.19
2	Cedarville High School (Cedarville)	9-12	100%	50%→82%	2.49→3.09	+0.60
3	Eureka Springs High School (Eureka Springs)	9-12	58%	62%→85%	2.57→3.08	+0.50
4	Bergman High School (Bergman)	9-12	45%	81%→96%	3.11→3.52	+0.41
5	Flippin High School (Flippin)	9-12	59%	48%→75%	2.51→2.87	+0.36



Table 188: Top 5 Most Improved High Schools in **Northeast** Arkansas, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Beebe High School (Beebe)	9-12	42%	41%→79%	2.35→3.10	+0.75
2	Osceola High School (Osceola)	9-12	87%	30%→58%	2.09→2.53	+0.44
3	Newport High School (Newport)	9-12	67%	45%→71%	2.44→2.82	+0.38
4	Manila High School (Manila)	9-12	60%	74%→76%	2.82→3.06	+0.24
5	Cave City High School (Cave City)	9-12	65%	75%→86%	3.04→3.20	+0.17



Table 189: Top 5 Most Improved High Schools in *Central* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	White Hall High School (White Hall)	9-12	36%	42%→83%	2.44→3.17	+0.73
2	Dollarway High School (Dollarway)	9-12	100%	9%→37%	1.57→2.24	+0.67
3	Fountain Lake High School (Fountain Lake)	9-12	57%	62%→89%	2.65→3.15	+0.50
4	Cabot High School (Cabot)	10-12	31%	46%→67%	2.46→2.94	+0.48
4	J. A. Fair High School (Little Rock)	9-12	81%	20%→42%	1.84→2.33	+0.48



Table 190: Top 5 Most Improved High Schools in *Southwest* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Fouke High School (Fouke)	9-12	54%	43%→75%	2.37→2.94	+0.57
2	Arkansas High School (Texarkana)	9-12	59%	37%→58%	2.22→2.60	+0.38
3	Arkadelphia High School (Arkadelphia)	9-12	46%	48%→57%	2.45→2.56	+0.11
4	Gurdon High School (Gurdon)	9-12	63%	52%→65%	2.62→2.69	+0.07
5	Fouke High School (Fouke)	9-12	54%	43%→75%	2.37→2.94	+0.57



Table 191: Top 5 Most Improved High Schools in *Southeast* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Lakeside High School (Lakeside Chicot County)	9-12	100%	25%→59%	1.96→2.59	+0.63
2	DeWitt High School (DeWitt)	9-12	60%	53%→78%	2.54→2.99	+0.44
3	Warren High School (Warren)	9-12	74%	59%→73%	2.63→2.90	+0.27
4	Hazen High School (Hazen)	9-12	65%	71%→79%	2.89→2.95	+0.06
5	KIPP Delta Collegiate High School (KIPP Delta Public Schools)	9-12	85%	67%→66%	2.78→2.84	+0.05

Tables 192-196: Top 5 Most Improved Jr. High Schools in Arkansas by Region, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 192: Top 5 Most Improved Jr. High Schools in *Northwest* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Marshall High School (Searcy County)	7-12	68%	71%→99%	3.01→3.63	+0.62
1	St. Paul High School (Huntsville)	7-12	73%	54%→88%	2.47→3.09	+0.62
3	Westside High School (Westside)	7-12	100%	74%→92%	2.87→3.30	+0.43
4	Wonderview High School (Wonderview)	7-12	47%	69%→86%	2.94→3.30	+0.36
5	George Junior High School (Springdale)	8-9	76%	70%→85%	2.86→3.16	+0.30



Table 193: Top 5 Most Improved Jr. High Schools in *Northeast* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Hughes High School (Hughes)	7-12	100%	25%→85%	1.99→3.01	+1.02
2	Rural Special High School (Mountain View)	7-12	52%	70%→97%	2.92→3.58	+0.66
3	Maynard High School (Maynard)	7-12	100%	55%→74%	2.56→2.97	+0.40
4	Wonder Junior High School (West Memphis)	7-9	100%	42%→64%	2.33→2.71	+0.38
5	Earle High School (Earle)	7-12	100%	29%→56%	2.16→2.51	+0.35
5	White County Central High School (White County Central)	7-12	65%	54%→73%	2.63→2.98	+0.35



Table 194: Top 5 Most Improved Schools in **Central** Arkansas, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Summit School (Hot Springs)	K-12	50%	8%→22%	1.57→1.88	+0.31
2	Mt. Vernon/Enola High School (Mt. Vernon-Enola)	7-12	53%	85%→94%	3.16→3.41	+0.25
2	W.D. Hamilton Learning Academy (Little Rock)	6-12	90%	8%→15%	1.30→1.56	+0.25
4	Benton Junior High School (Benton)	8-9	40%	93%→98%	3.49→3.67	+0.18
5	Mountain Pine High School (Mountain Pine)	7-12	73%	67%→83%	2.85→3.02	+0.17



Table 195: Top 5 Most Improved Jr. High Schools in **Southwest** Arkansas, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Emerson High School (Emerson-Taylor)	7-12	44%	66%→97%	2.70→3.50	+0.80
2	Nevada High School (Nevada)	7-12	74%	63%→75%	2.60→3.03	+0.42
3	Fordyce High School (Fordyce)	7-12	66%	28%→44%	1.96→2.37	+0.41
4	Stephens High School (Stephens)	7-12	89%	39%→59%	2.28→2.68	+0.39
5	Smackover High School (Smackover)	7-12	45%	67%→85%	2.86→3.22	+0.36



Table 196: Top 5 Most Improved Jr. High Schools in **Southeast** Arkansas, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Clarendon High School (Clarendon)	7-12	90%	44%→63%	2.33→2.75	+0.42
2	Central High School (Helena/W. Helena)	7-12	95%	34%→54%	2.14→2.51	+0.37
3	Woodlawn High School (Woodlawn)	7-12	33%	69%→84%	2.82→3.08	+0.26
4	Hermitage High School (Hermitage)	7-12	75%	61%→66%	2.63→2.82	+0.19
5	Dumas Junior High School (Dumas)	7-9	77%	53%→58%	2.50→2.61	+0.11

Tables 197-201: Top 5 Most Improved Middle Schools in Arkansas by Region, **EOC Algebra** Achievement from 2008-09/2009-10 to 2012-13/2013-14



*Table 197: Top 5 Most Improved Middle Schools in Northwest Arkansas, EOC Algebra Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Oakdale Middle School (Rogers)	6-8	71%	96%→100%	3.54→3.88	+0.34
2	Butterfield Trail Middle School (Van Buren)	6-8	77%	71%→93%	2.95→3.27	+0.32
3	Lingle Middle School (Rogers)	6-8	65%	100%→100%	3.74→3.91	+0.17
4	Greenland Middle School (Greenland)	5-8	66%	87%→91%	3.21→3.36	+0.16
5	Elmwood Middle School (Rogers)	6-8	55%	100%→100%	3.87→3.99	+0.12



*Table 198: Top 5 Most Improved Middle Schools in Northeast Arkansas, EOC Algebra Achievement from 2008-09/2009-10 to 2012-13/2013-14*

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1	Beebe Junior High School (Beebe)	7-8	49%	85%→100%	3.18→3.87	+0.69
2	Blytheville Middle School (Blytheville)	6-8	83%	95%→100%	3.45→3.88	+0.43
3	Heber Springs Middle School (Heber Springs)	6-8	57%	100%→100%	3.76→3.91	+0.14
4	Forrest City Junior High (Forrest City)	7-8	100%	97%→100%	3.41→3.50	+0.08
5	Ahlf Junior High School (Searcy)	7-8	47%	100%→100%	3.93→4.00	+0.07





Table 199: Top 5 Most Improved Middle Schools in *Central* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	White Hall Middle School (White Hall)	6-8	44%	84%→99%	3.26→3.88	+0.61
2	Mabelvale Middle School (Little Rock)	6-8	91%	86%→100%	3.09→3.58	+0.50
3	Robert F. Morehead Middle School (Dollarway)	6-8	100%	90%→93%	3.09→3.41	+0.32
4	Covenant Keepers Charter (Covenant Keepers College Prep Charter)	6-8	90%	34%→51%	2.23→2.53	+0.30
4	Henderson Middle School (Little Rock)	6-8	89%	79%→86%	2.92→3.22	+0.30



Table 200: Top 3 Most Improved Middle Schools in *Southwest* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	Goza Middle School (Arkadelphia)	6-8	57%	95%→100%	3.68→3.88	+0.20
2	Mena Middle School (Mena)	6-8	66%	100%→100%	3.85→3.92	+0.07
3	North Heights Junior High School (Texarkana)	7-8	66%	92%→93%	3.31→3.32	+0.02

\* Note: These are the only three schools in this region that falls in this category



Table 201: Top Most Improved Middle Schools in *Southeast* Arkansas, *EOC Algebra* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1	KIPP Delta College Preparatory School (KIPP Delta Public Schools)	5-8	92%	89%→86%	3.23→3.24	+0.01

\* Note this is the only school in this region that falls in this category

## **GG. Geometry End-of-Course Exam**

Geometry is generally taken during the tenth grade; however, some students may elect to take the course earlier if they have taken prerequisite classes. This typically results in the most advanced students taking the exam in 8<sup>th</sup> or 9<sup>th</sup> grade. Because of the likely academic differences between students who take geometry in earlier grades, junior high schools tend to have higher proficiency levels than do schools which serve only 10<sup>th</sup> grade students. For this reason, schools have been split into two groups:

- High School: primarily 9<sup>th</sup> -12<sup>th</sup> grades (includes Comprehensive High Schools serving 7<sup>th</sup>-12<sup>th</sup> grades)
- Junior High School: primarily 8<sup>th</sup>-9<sup>th</sup> grades (and/or any grades below)

For the purposes of this report, all schools were considered for the awards by region.

Table 202: Top 20 Most Improved High Schools<sup>13</sup> Based on **EOC Geometry** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End <sup>14</sup>	GPA Initial→End <sup>15</sup>	GPA Growth
<b>State Average</b>	-	-	<b>56%</b>	<b>68%→73%</b>	<b>2.87→2.96</b>	<b>+0.09</b>
<b>1</b> Springdale Alternative School (Springdale)	NW	9-12	66%	7%→52%	1.56→2.40	+0.83
<b>2</b> Emerson High School (Emerson-Taylor)	SW	7-12	44%	73%→92%	2.79→3.46	+0.67
<b>2</b> Mt. Judea High School (Deer/Mt. Judea)	NW	7-12	76%	7%→54%	1.87→2.54	+0.67
<b>4</b> Marshall High School (Searcy County) ♦	NW	7-12	68%	7%→92%	2.79→3.32	+0.53
<b>5</b> Hughes High School (Hughes)	NE	7-12	100%	17%→41%	1.94→2.45	+0.51
<b>6</b> Nettleton High School (Nettleton) ♦	NE	9-12	58%	33%→64%	2.26→2.75	+0.49
<b>6</b> Palestine-Wheatley Senior High (Palestine/Wheatley)	NE	9-12	100%	49%→77%	2.42→2.91	+0.49
<b>6</b> Sparkman High School (Harmony Grove Quachita County)	SW	7-12	57%	49%→84%	2.47→2.96	+0.49
<b>9</b> Conway High School (Conway)	CN	10-12	42%	41%→67%	2.35→2.82	+0.47
<b>9</b> Jacksonville High School (Pulaski County Special)	CN	9-12	65%	37%→59%	2.22→2.69	+0.47
<b>11</b> Benton County School of the Arts High School (Benton County School of the Arts)	NW	9-12	28%	73%→85%	2.81→3.27	+0.46
<b>11</b> Pottsville High School (Pottsville)	NW	10-12	31%	60%→85%	2.65→3.11	+0.46
<b>13</b> Mt. Vernon/Enola High School (Mt. Vernon-Enola)	CN	7-12	53%	79%→93%	3.01→3.46	+0.45
<b>14</b> Armorel High School (Armorel)	NE	7-12	32%	54%→81%	2.56→3.00	+0.44
<b>14</b> Bergman High School (Bergman)	NW	9-12	45%	80%→92%	2.99→3.43	+0.44
<b>14</b> Mount Ida High School (Mount Ida)	SW	7-12	69%	72%→90%	2.86→3.30	+0.44
<b>14</b> Nevada High School (Nevada)	SW	7-12	74%	45%→64%	2.40→2.84	+0.44
<b>18</b> Hope High School (Hope)	SW	9-12	65%	49%→69%	2.46→2.89	+0.43
<b>19</b> Dermott High School (Dermott)	SE	7-12	100%	25%→51%	2.04→2.45	+0.42
<b>20</b> Greenland High School (Greenland)	NW	9-12	59%	55%→69%	2.53→2.94	+0.41

♦ Indicates school placed on same list in 2012-13.

<sup>13</sup> A school was designated High School if it primarily serves students in grades 9 – 12.

<sup>14</sup> Initial Proficient/Advanced % is an average of the 2008-09 and 2009-10 school years. End Proficient/Advanced % is an average of the 2012-13 and 2013-14 school years.

<sup>15</sup> Initial GPA is an average of the 2008-09 and 2009-10 school years. End GPA is an average of the 2012-13 and 2013-14 school years.

Table 203: Top 10 Most Improved Junior High Schools<sup>16</sup> Based on *EOC Geometry* Achievement from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
	<b>State Average</b>	-	-	56%	68%→73%	2.87→2.96	+0.09
1	Clinton Junior High School (Clinton)	NW	7-9	70%	82%→100%	3.28→3.84	+0.56
2	Central Junior High School (Springdale)	NW	8-9	47%	100%→100%	3.58→3.85	+0.27
3	George Junior High School (Springdale)	NW	8-9	76%	97%→100%	3.64→3.83	+0.19
4	Hot Springs Middle School (Hot Springs) ♦	CN	7-8	80%	100%→100%	3.53→3.69	+0.15
5	L. A. Chaffin Junior High School (Fort Smith) ♦	NW	7-9	47%	100%→100%	3.79→3.92	+0.13
6	Maumelle Middle School (Pulaski County Special)	CN	6-8	42%	97%→100%	3.55→3.65	+0.11
7	Russellville Junior High School (Russellville)	NW	8-9	54%	99%→98%	3.78→3.85	+0.07
8	Harrison Junior High School (Harrison)	NW	7-9	50%	100%→100%	3.52→3.55	+0.04
8	Vilonia Junior High School (Vilonia)	CN	8-9	41%	100%→100%	3.75→3.79	+0.04
8	Woodland Junior High School (Fayetteville)	NW	8-9	25%	100%→100%	3.90→3.94	+0.04

♦ Indicates school placed on same list in 2012-13.

<sup>16</sup> A school was designated a Junior High School if it serves students in grades primarily 7-8 (maximum grade of 9).

Tables 204-208: Top 5 Most Improved Schools in Arkansas by Region, EOC Geometry Achievement from 2008-09/2009-10 to 2012-13/2013-14



Table 204: Top 5 Most Improved Schools in Northwest Arkansas, EOC Geometry Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Springdale Alternative School (Springdale)	9-12	66%	7%→52%	1.56→2.40	+0.83
2 Mt. Judea High School (Deer/Mt. Judea)	7-12	76%	7%→54%	1.87→2.54	+0.67
3 Clinton Junior High School (Clinton)	7-9	70%	82%→100%	3.28→3.84	+0.56
4 Marshall High School (Searcy County) ♦	7-12	68%	70%→92%	2.79→3.32	+0.53
5 Benton County School of the Arts High School (Benton County School of the Arts)	9-12	28%	73%→85%	2.81→3.27	+0.46



Table 205: Top 5 Most Improved Schools in Northeast Arkansas, EOC Geometry Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Hughes High School (Hughes)	7-12	100%	17%→41%	1.94→2.45	+0.51
2 Nettleton High School (Nettleton) ♦	9-12	58%	33%→64%	2.26→2.75	+0.49
2 Palestine-Wheatley Senior High (Palestine/Wheatley)	9-12	100%	49%→77%	2.42→2.91	+0.49
4 Armorel High School (Armorel)	7-12	32%	54%→81%	2.56→3.00	+0.44
5 Buffalo Island Central High School (Buffalo Island Central)	10-12	46%	63%→83%	2.84→3.24	+0.40
5 Osceola High School (Osceola)	9-12	87%	24%→44%	1.97→2.37	+0.40



Table 206: Top 5 Most Improved Schools in **Central** Arkansas, **EOC Geometry** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Conway High School (Conway)	10-12	42%	41%→67%	2.35→2.82	+0.47
1 Jacksonville High School (Pulaski County Special)	9-12	65%	37%→59%	2.22→2.69	+0.47
3 Mt. Vernon/Enola High School (Mt. Vernon-Enola) ♦	7-12	53%	79%→93%	3.01→3.46	+0.45
4 White Hall High School (White Hall)	9-12	36%	57%→74%	2.59→2.98	+0.39
5 Lake Hamilton High School (Lake Hamilton)	10-12	43%	76%→87%	2.93→3.20	+0.27



Table 207: Top 5 Most Improved Schools in **Southwest** Arkansas, **EOC Geometry** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Emerson High School (Emerson-Taylor) ♦	7-12	44%	73%→92%	2.79→3.46	+0.67
2 Sparkman High School (Harmony Grove Ouachita County)	7-12	57%	49%→84%	2.47→2.96	+0.49
3 Mount Ida High School (Mount Ida) ♦	7-12	69%	72%→90%	2.86→3.30	+0.44
3 Nevada High School (Nevada)	7-12	74%	45%→64%	2.40→2.84	+0.44
5 Hope High School (Hope)	9-12	65%	49%→69%	2.46→2.89	+0.43



Table 208: Top 5 Most Improved Schools in **Southeast** Arkansas, **EOC Geometry** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Dermott High School (Dermott)	7-12	100%	25%→51%	2.04→2.45	+0.42
2 Hermitage High School (Hermitage)	7-12	75%	55%→73%	2.51→2.88	+0.37
3 Warren High School (Warren)	9-12	74%	56%→77%	2.58→2.94	+0.36
4 Clarendon High School (Clarendon) ♦	7-12	90%	45%→64%	2.40→2.73	+0.33
5 Dumas High School (Dumas)	10-12	67%	50%→58%	2.51→2.72	+0.21

## **HH. Biology End-of-Course Exam**

Biology is generally taken during the tenth grade; however, some students may elect to take the course earlier if they have taken prerequisite classes. This typically results in the most advanced students taking the exam in 8<sup>th</sup> or 9<sup>th</sup> grade. Because of the likely academic differences between students who take biology in earlier grades, junior high schools tend to have higher proficiency levels than do schools which serve only 10<sup>th</sup> grade students. For this reason, schools have been split into two groups:

- High School: primarily 9<sup>th</sup> -12<sup>th</sup> grades (includes Comprehensive High Schools serving 7<sup>th</sup>-12<sup>th</sup> grades)
- Junior High School: primarily 8<sup>th</sup>-9<sup>th</sup> grades (and/or any grades below)

For the purposes of this report, all schools were included for the awards by region.

The Biology EOC was first administered in the 2008-09 school year, and so for the purposes of this report, growth is measured from a baseline average of the 2008-09 and 2009-10 school years to an outcome average of the 2012-13 and 2013-14 school years.

Table 209: Top 20 Most Improved Schools<sup>17</sup> Based on **EOC Biology** Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End <sup>18</sup>	GPA Initial→End <sup>19</sup>	GPA Growth
<b>State Average</b>	-	-	56%	39%→45%	2.26→2.40	+0.14
<b>1</b> Mt. Vernon/Enola High School (Mt. Vernon-Enola) ♦	3	7-12	53%	30%→64%	2.04→2.85	+0.81
<b>2</b> George Junior High School (Springdale) ♦	1	8-9	76%	68%→97%	2.76→3.52	+0.76
<b>3</b> Rose Bud High School (Rose Bud)	2	7-12	53%	23%→52%	1.94→2.59	+0.66
<b>4</b> Springdale Alternative School (Springdale)	1	9-12	66%	2%→14%	1.19→1.85	+0.65
<b>5</b> Buffalo Island Central High School (Buffalo Island Central)	2	10-12	46%	19%→49%	1.93→2.47	+0.54
<b>5</b> West Side High School (West Side) ♦	2	7-12	50%	38%→67%	2.30→2.84	+0.54
<b>7</b> Armorel High School (Armorel) ♦	2	7-12	32%	25%→47%	1.92→2.45	+0.53
<b>7</b> Glen Rose High School (Glen Rose) ♦	3	9-12	50%	25%→52%	1.96→2.49	+0.53
<b>7</b> Murfreesboro High School (South Pike County)	4	7-12	67%	18%→51%	1.95→2.48	+0.53
<b>10</b> Lisa Academy High (Lisa Academy)	3	9-12	38%	19%→47%	1.92→2.43	+0.51
<b>11</b> Benton County School of the Arts High School (Benton County School of the Arts)	1	9-12	28%	56%→76%	2.56→3.07	+0.50
<b>11</b> County Line High School (County Line) ♦	1	7-12	59%	38%→63%	2.19→2.69	+0.50
<b>11</b> Green Forest High School (Green Forest)	1	9-12	72%	22%→48%	1.95→2.45	+0.50
<b>11</b> Greene County Tech Junior High School (Greene County Tech)	2	8-9	52%	48%→82%	2.48→2.97	+0.50
<b>11</b> Har-Ber High School (Springdale)	1	10-12	39%	25%→51%	1.98→2.48	+0.50
<b>16</b> Academics Plus High School (Academics Plus)	3	6-12	27%	39%→72%	2.36→2.85	+0.49
<b>16</b> Greene County Tech High School (Greene County Tech) ♦	2	10-12	42%	30%→52%	2.04→2.52	+0.49
<b>16</b> Lavaca High School (Lavaca)	1	9-12	48%	23%→49%	1.90→2.39	+0.49
<b>19</b> Clinton High School (Clinton)	1	10-12	61%	22%→50%	1.97→2.45	+0.48
<b>19</b> Hampton High School (Hampton) ♦	4	7-12	71%	29%→41%	1.93→2.41	+0.48

♦ Indicates school placed on same list in 2012-13.

<sup>17</sup> For the purposes of this award, schools of any grade level configuration are included, as there are very few junior highs that offered EOC Biology throughout this time span.

<sup>18</sup> Initial Proficient/Advanced % is an average of the 2008-09 and 2009-10 school years, because the first Biology Exam was administered in 2008-09. End Proficient/Advanced % is an average of the 2012-13 and 2013-14 school years.

<sup>19</sup> Initial GPA is an average of the 2008-09 and 2009-10 school years. End GPA is an average of the 2012-13 and 2013-14 school years.



Tables 210-214: Top 5 Most Improved Schools in Arkansas by Region, *EOC Biology* Achievement from 2007-08/2008-09 to 2012-13/2013-14



Table 210: Top 5 Most Improved Schools in *Northwest* Arkansas, *EOC Biology* Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 George Junior High School (Springdale) ♦	8-9	76%	68%→97%	2.76→3.52	+0.76
2 Springdale Alternative School (Springdale)	9-12	66%	2%→14%	1.19→1.85	+0.65
3 Benton County School of the Arts High School (Benton County School of the Arts)	9-12	28%	56%→76%	2.56→3.07	+0.50
3 County Line High School (County Line)	7-12	59%	38%→63%	2.19→2.69	+0.50
3 Green Forest High School (Green Forest)	9-12	72%	22%→48%	1.95→2.45	+0.50
3 Har-Ber High School (Springdale)	10-12	39%	25%→51%	1.98→2.48	+0.50



Table 211: Top 5 Most Improved Schools in *Northeast* Arkansas, *EOC Biology* Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Rose Bud High School (Rose Bud)	7-12	53%	23%→52%	1.94→2.59	+0.66
2 Buffalo Island Central High School (Buffalo Island Central)	10-12	46%	19%→49%	1.93→2.47	+0.54
2 West Side High School (West Side) ♦	7-12	50%	38%→67%	2.30→2.84	+0.54
4 Armorel High School (Armorel) ♦	7-12	32%	25%→47%	1.92→2.45	+0.53
5 Greene County Tech Junior High School (Greene County Tech)	8-9	52%	48%→82%	2.48→2.97	+0.50



Table 212: Top 5 Most Improved Schools in **Central** Arkansas, **EOC Biology** Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Mt. Vernon/Enola High School (Mt. Vernon-Enola) ♦	7-12	53%	30%→ 64%	2.04→ 2.85	+0.81
2 Glen Rose High School (Glen Rose) ♦	9-12	50%	25%→ 52%	1.96→ 2.49	+0.53
3 Lisa Academy High (Lisa Academy)	9-12	38%	19%→ 47%	1.92→ 2.43	+0.51
4 Academics Plus High School (Academics Plus)	6-12	27%	39%→ 72%	2.36→ 2.85	+0.49
5 Greenbrier High School (Greenbrier)	10-12	27%	53%→ 72%	2.51→ 2.95	+0.44



Table 213: Top 5 Most Improved Schools in **Southwest** Arkansas, **EOC Biology** Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Murfreesboro High School (South Pike County)	7-12	67%	18%→ 51%	1.95→ 2.48	+0.53
2 Hampton High School (Hampton) ♦	7-12	71%	29%→ 41%	1.93→ 2.41	+0.48
3 Arkansas High School (Texarkana)	9-12	59%	14%→ 35%	1.67→ 2.13	+0.46
4 Emerson High School (Emerson-Taylor) ♦	7-12	44%	37%→ 56%	2.25→ 2.70	+0.45
5 De Queen High School (DeQueen)	10-12	68%	21%→ 43%	1.92→ 2.34	+0.42
5 Magnolia High School (Magnolia)	10-12	61%	32%→ 51%	2.09→ 2.51	+0.42



Table 214: Top 5 Most Improved Schools in **Southeast** Arkansas, **EOC Biology** Achievement from 2007-08/2008-09 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→End	GPA Initial→End	GPA Growth
1 Star City High School (Star City) ♦	9-12	57%	25%→ 45%	1.93→ 2.40	+0.46
2 Clarendon High School (Clarendon) ♦	7-12	90%	19%→ 30%	1.82→ 2.17	+0.35
3 Drew Central High School (Drew Central)	9-12	70%	20%→ 37%	1.90→ 2.21	+0.31
4 Crossett High School (Crossett)	9-12	46%	19%→ 30%	1.83→ 2.07	+0.24
5 Dermott High School (Dermott) ♦	7-12	100%	5%→ 21%	1.50→ 1.71	+0.22

## II. Literacy End-of-Course Exam

Table 215: Top 20 Most Improved High Schools Based on *Grade 11 Literacy Achievement* from 2008-09/2009-10 to 2012-13/2013-14

	School (District)	Region	Grades Served	% FRL	Proficient/Advanced % Initial→End <sup>20</sup>	GPA Initial→End <sup>21</sup>	GPA Growth
	<b>State Average</b>	-	-	<b>56%</b>	<b>58%→71%</b>	<b>2.52→2.90</b>	<b>+0.38</b>
1	Mt. Judea High School (Deer/Mt. Judea)	NW	7-12	76%	18%→ 65%	1.91→ 2.96	+1.05
1	Springdale Alternative School (Springdale)	NW	9-12	66%	3%→ 48%	1.41→ 2.46	+1.05
3	Palestine-Wheatley Senior High (Palestine/Wheatley) ♦	NE	9-12	100%	37%→ 85%	2.32→ 3.12	+0.80
4	Norphlet High School (Norphlet) ♦	SW	7-12	46%	59%→ 92%	2.55→ 3.34	+0.79
8	Haas Hall Academy (Haas Hall Academy) ♦	NW	8-12	1%	96%→ 100%	3.01→ 3.74	+0.74
8	Mt. Vernon/Enola High School (Mt. Vernon-Enola)	CN	7-12	53%	48%→ 85%	2.36→ 3.10	+0.74
7	Green Forest High School (Green Forest)	NW	9-12	72%	46%→ 82%	2.37→ 3.07	+0.71
7	Marshall High School (Searcy County)	NW	7-12	68%	59%→ 88%	2.50→ 3.21	+0.71
9	Westside High School (Westside)	NW	7-12	100%	46%→ 82%	2.43→ 3.13	+0.70
10	Berryville High School (Berryville) ♦	NW	9-12	46%	51%→ 82%	2.43→ 3.11	+0.69
10	Emerson High School (Emerson-Taylor)	SW	7-12	44%	58%→ 80%	2.54→ 3.23	+0.69
12	Marmaduke High School (Marmaduke)	NE	7-12	58%	51%→ 80%	2.43→ 3.10	+0.67
13	Viola High School (Viola) ♦	NE	7-12	54%	67%→ 93%	2.67→ 3.31	+0.65
14	Corning High School (Corning)	NE	7-12	64%	41%→ 76%	2.26→ 2.90	+0.64
15	Armorel High School (Armorel)	NE	7-12	32%	47%→ 77%	2.38→ 3.00	+0.63
16	Benton County School of the Arts High School (Benton County School of the Arts)	NW	9-12	28%	79%→ 92%	2.79→ 3.40	+0.61
16	Hermitage High School (Hermitage)	SE	7-12	75%	24%→ 57%	1.94→ 2.55	+0.61
18	Lakeside High School (Lakeside Chicot County)	SE	9-12	100%	37%→ 67%	2.21→ 2.81	+0.60

<sup>20</sup> Initial Proficient/Advanced % is an average of the 2008-09 and 2009-10 school years. End Proficient/Advanced % is an average of the 2012-13 and 2013-14 school years.

<sup>21</sup> Initial GPA is an average of the 2008-09 and 2009-10 school years. End GPA is an average of the 2012-13 and 2013-14 school years.

<b>19</b>	Magnolia High School (Magnolia)	SW	10-12	61%	43%→ 75%	2.32→ 2.90	+0.58
<b>20</b>	El Dorado High School (El Dorado) ♦	SW	9-12	56%	51%→ 73%	2.42→ 2.99	+0.57
<b>20</b>	Hackett High School (Hackett)	NW	7-12	57%	39%→ 69%	2.26→ 2.83	+0.57
<b>20</b>	Mount Ida High School (Mount Ida)	SW	7-12	69%	54%→ 80%	2.47→ 3.04	+0.57
<b>20</b>	Siloam Springs High School (Siloam Springs)	NW	9-12	48%	60%→ 82%	2.52→ 3.09	+0.57

♦ Indicates school placed on same list in 2012-13.

Tables 216-220: Top 5 Most Improved Schools in Arkansas by Region, **Grade 11 Literacy Achievement** from 2008-09/2009-10 to 2012-13/2013-14



**Table 216: Top 5 Most Improved Schools in Northwest Arkansas, Grade 11 Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14**

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→ End</b>	<b>GPA Initial→ End</b>	<b>GPA Growth</b>
<b>1</b>	Mt. Judea High School (Deer/Mt. Judea)	7-12	76%	18%→ 65%	1.91→ 2.96	+1.05
<b>1</b>	Springdale Alternative School (Springdale)	9-12	66%	3%→ 48%	1.41→ 2.46	+1.05
<b>3</b>	Haas Hall Academy (Haas Hall Academy)	8-12	1%	96%→ 100%	3.01→ 3.74	+0.74
<b>4</b>	Green Forest High School (Green Forest)	9-12	72%	46%→ 82%	2.37→ 3.07	+0.71
<b>4</b>	Marshall High School (Searcy County)	7-12	68%	59%→ 88%	2.50→ 3.21	+0.71



**Table 217: Top 5 Most Improved Schools in Northeast Arkansas, Grade 11 Literacy Achievement from 2008-09/2009-10 to 2012-13/2013-14**

	<b>School (District)</b>	<b>Grades Served</b>	<b>% FRL</b>	<b>Proficient/Advanced % Initial→ End</b>	<b>GPA Initial→ End</b>	<b>GPA Growth</b>
<b>1</b>	Palestine-Wheatley Senior High (Palestine/Wheatley) ♦	9-12	100%	37%→ 85%	2.32→ 3.12	+0.80
<b>2</b>	Marmaduke High School (Marmaduke)	7-12	58%	51%→ 80%	2.43→ 3.10	+0.67
<b>3</b>	Viola High School (Viola) ♦	7-12	54%	67%→ 93%	2.67→ 3.31	+0.65
<b>4</b>	Corning High School (Corning)	7-12	64%	41%→ 76%	2.26→ 2.90	+0.64
<b>5</b>	Armored High School (Armored)	7-12	32%	47%→ 77%	2.38→ 3.00	+0.63



Table 218: Top 5 Most Improved Schools in **Central** Arkansas, **Grade 11 Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Mt. Vernon/Enola High School (Mt. Vernon-Enola)	7-12	53%	48%→ 85%	2.36→ 3.10	+0.74
2 Central High School (Little Rock)	9-12	46%	64%→ 79%	2.61→ 3.15	+0.54
2 Magnet Cove High School (Magnet Cove)	7-12	40%	54%→ 79%	2.47→ 3.01	+0.54
4 Conway High School (Conway)	10-12	42%	64%→ 79%	2.60→ 3.12	+0.52
5 Greenbrier High School (Greenbrier) ♦	10-12	27%	66%→ 84%	2.63→ 3.14	+0.51
5 Guy-Perkins High School (Guy-Perkins) ♦	7-12	58%	44%→ 75%	2.33→ 2.84	+0.51



Table 219: Top 5 Most Improved Schools in **Southwest** Arkansas, **Grade 11 Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Norphlet High School (Norphlet) ♦	7-12	46%	59%→ 92%	2.55→ 3.34	+0.79
2 Emerson High School (Emerson-Taylor)	7-12	44%	58%→ 80%	2.54→ 3.23	+0.69
3 Magnolia High School (Magnolia)	10-12	61%	43%→ 75%	2.32→ 2.90	+0.58
4 El Dorado High School (El Dorado) ♦	9-12	56%	51%→ 73%	2.42→ 2.99	+0.57
4 Mount Ida High School (Mount Ida)	7-12	69%	54%→ 80%	2.47→ 3.04	+0.57



Table 220: Top 5 Most Improved Schools in **Southeast** Arkansas, **Grade 11 Literacy** Achievement from 2008-09/2009-10 to 2012-13/2013-14

School (District)	Grades Served	% FRL	Proficient/Advanced % Initial→ End	GPA Initial→ End	GPA Growth
1 Hermitage High School (Hermitage)	7-12	75%	24%→ 57%	1.94→ 2.55	+0.61
2 Lakeside High School (Lakeside Chicot County)	9-12	100%	37%→ 67%	2.21→ 2.81	+0.60
3 Warren High School (Warren)	9-12	74%	36%→ 63%	2.23→ 2.73	+0.50
4 Woodlawn High School (Woodlawn)	7-12	33%	53%→ 72%	2.48→ 2.96	+0.48
5 Drew Central High School (Drew Central)	9-12	70%	41%→ 62%	2.32→ 2.78	+0.46
5 Hamburg High School (Hamburg)	9-12	46%	48%→ 71%	2.38→ 2.84	+0.46

# Appendix

## A. Methods

The Office for Education Policy strives to make all of our calculations and publications transparent to our readers. Thus, in this appendix we describe our data source, calculations performed on these data for the purposes of our reporting, and our method for determining a school's classification as an elementary, middle, or high school.

All data used in this report were obtained from the Arkansas Department of Education. Benchmark and End-of-Course exam scores were obtained from the testing section (<http://www.arkansased.org/divisions/learning-services/student-assessment>). Other data, such as the percent of students eligible for free and reduced lunch, were obtained from the Arkansas Department of Education Data Center (<http://adedata.arkansas.gov>).

All data were analyzed at the school level; however, the ADE provides the percentage of scores at the proficient and advanced level by grade. Therefore, in order to present an accurate *school* level percentage of students scoring proficient and advanced across all grades, a weighted average for each school was calculated to account for different levels of enrollment at each grade level. In an effort to highlight schools that were strong in both subject areas, we calculated a simple average of the school level percent proficient and advanced in math *and* literacy at the elementary and middle school levels.

As previously discussed in the introduction, in order to calculate the GPA measure we treat the benchmark test scores similar to the existing grade point system.

Category	GPA Points Awarded
Advanced	4.0
Proficient	3.0
Basic	2.0
Below Basic	1.0

We calculated the GPA measure for every schools math, literacy, and combined math and literacy scores. The GPA measure is comprehensive in that it takes into account all of the test score levels (advanced, proficient, basic, and below basic), instead of lumping together advanced and proficient scores.

## B. School Classification

For the OEP Awards, we classified schools based on the following rules:

- Elementary School: primarily grades 3-5 (minimum grade P, K, 1, 2, 3, or 4)
- Middle School: primarily grades 6-8 (minimum grade of 4, 5, or 6 and maximum grade of 7, 8, or 9)

There were also a few “comprehensive schools,” such as K-8 or K-12 schools, that we included as either middle schools or elementary schools based on their enrollment numbers. The following table lists every grade configuration and their classifications.

*Table A: School Classifications*

Elementary Schools	Middle Schools
1-4	4-6
1-5	4-8
1-6	5-6
1-8	5-7
2-3	5-8
2-4	5-9
2-5	5-12
2-6	6
3-4	6-12
3-5	6-7
3-6	6-8
4-5	7-12
5	7-8
K-3	7-9
K-4	8
K-5	8-9
K-6	K-12
K-7	8-12
K-8	
P-2	
P-3	
P-4	
P-5	
P-6	
P-7	
P-8	



### C. School Classification – High School Awards

For the OEP High School Awards, we primarily classified schools based on the following rules:

- Junior High: primarily grades 7 – 9 (maximum grade of 9)
- High School: primarily grades 9 – 12

For the Algebra EOC, schools are classified differently, as the test is taken at different levels. These classifications are explained in the Algebra EOC section.

*Table B: School Classifications*

<b>Junior High</b>	<b>High School</b>
5-7	8-12
5-8	9-12
6-7	10-12
6-8	11-12
7-8	9-10
7-9	7-12
8	6-12
8-9	5-12
4-8	K-12
1-8	
K-8	