



The Academic Growth indicator reflects how well students are progressing in English Language Arts (ELA) and mathematics from one year to the next. This guide will go over three key elements: the score, the points and the letter grade. The score reflects the school’s performance relative to a specific metric (e.g., % of students on track or proficient); whereas, the points reflect the school’s performance relative to the state-wide distribution, scaled to 30 points.

**The Scores**

**Academic Growth Total** or composite score represents the overall *percentage of points* earned and is found by taking the sum of the points earned in ELA and mathematics and dividing it by the Points Max.

Subject	Subject Score	Points	Points Max	Total Score	Letter Grade
ELA	103.50	11.10	15		
Mathematics	108.43	15.00	15		
<b>TOTAL</b>		<b>26.10</b>	<b>30</b>	<b>87.00</b>	<b>A</b>

$$\frac{26.10}{30} \times 100 = 87.00$$

**Academic Subject Growth Scores** for both ELA and mathematics represent the average points earned by students showing progress between consecutive grades (i.e., grade 3 ELA to grade 4 ELA) and is calculated using this formula:

$$\frac{\text{Total Growth Points (numerator)}}{\text{Total FAY students (denominator)}} = \text{Score}$$

In Single Sign-On, this calculation is displayed by the numerator, denominator and score for each subject.

Numerator	Denominator	Score	Points	Points Max
14180	137	103.50	11.10	15

$$\frac{14180}{137} = 103.50$$

Assessment records used to calculate your Subject Growth Score can be retrieved by clicking on the denominator. The records contain the student’s current scale score, prior performance and current performance levels for each subject group.

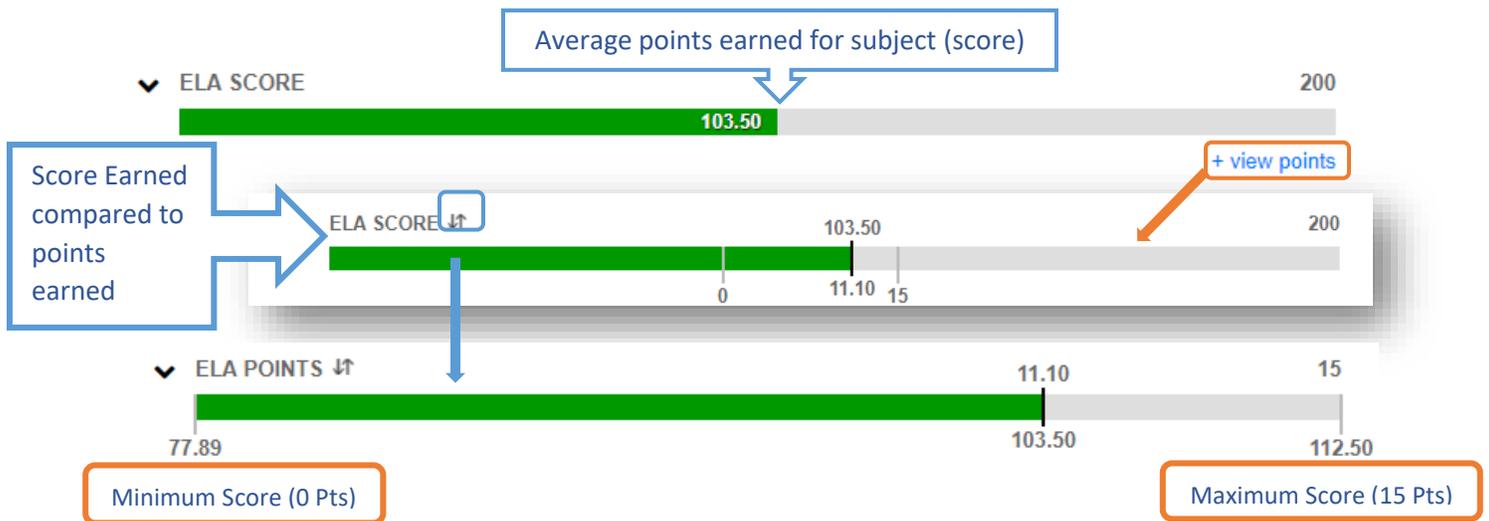
Assessment		Indicator		
Subject Group	Scale Score	Growth Perf Level PY	Growth Perf Level	Points
ELA	319	PH	PH	105
ELA	286	BH	BH	95
ELA	271	BL	BL	95
ELA	276	BBH	BL	130
ELA	291	BH	BH	95
ELA	264	BBH	BBH	90
ELA	324	PH	AL	135
ELA	297	PL	BH	80

The value in the Points column were determined by comparing the Growth Performance Level Prior Year (PY) to the Growth Performance Level and then using the [Academic Growth Value Table](#) to find the points earned. (e.g., BH to BH yields 95 points).



### The Points

The default Display shows the subject score as previously discussed.



By clicking the arrows next to “Score”, the bar calibrates relative performance across the state. Relative performance reflects the range used to index scores wherein the minimum value corresponds to approximately the 2<sup>nd</sup> percentile and the maximum value corresponds to approximately the 98<sup>th</sup> percentile. The bar displays where the school’s score (bottom) and points (top) earned are indexed based on their performance. Maximum and minimum values used for this indicator are shown below.

Model Type	Subject	Minimum Score (0 Pts)	Maximum Score (15 Pts)
Elementary School (up to grade 6)	ELA	≤ 77.89	≥ 112.50
	Math	≤ 58.29	≥ 107.07
Middle School (up to grade 9)	ELA	≤ 71.52	≥ 106.88
	Math	≤ 53.67	≥ 104.11

**Academic Growth Score to Points** is calculated by examining the range between the minimum and maximum scores and comparing your score using the steps below:

**Step 1:** Find the overall range of scores between the minimum and maximum score by subtracting the minimum score from the maximum score for your model type

$$112.50 \text{ (Max ELA Score for Elem)} - 77.89 \text{ (Min ELA Score for Elem)} = 34.61 \text{ Overall Range of Scores}$$

**Step 2:** Find where your score fits within the range by subtracting your score from the minimum score

$$103.50 \text{ (Earned ELA Score)} - 77.89 \text{ (Min ELA Score for HS)} = 25.61$$

**Step 3:** Divide the value found in step 2 by the total range found in Step 1 to find the percentage of points you earned

$$\frac{25.61 \text{ (Value from Step 2)}}{34.61 \text{ (Total Range)}} = 0.739 \times 100 = 73.9\% \text{ (percentage of points)}$$



**Step 4:** Multiply the percentage of Points earned by the Total Points Possible to find the points earned

$$73.9\% (\% \text{ of points earned}) \times 15 (\text{Max Points Possible}) = 11.10 \text{ points earned}$$

You letter grade is found by summing your points for ELA and math and comparing your total points to the cut scores for your model type shown in the rubrics.

### The Letter Grade

Letter grade rubrics vary by model. The tables below show the cut scores based on Total POINTS earned, not the indicator score.

Elementary Academic Growth Indicator Letter Grade Rubric		
Grade	Low	High
<b>A</b>	25.76	30.00
<b>B</b>	18.57	25.75
<b>C</b>	11.26	18.56
<b>D</b>	4.90	11.25
<b>F</b>	0.00	4.89

Middle Academic Growth Indicator Letter Grade Rubric		
Grade	Low	High
<b>A</b>	24.79	30.00
<b>B</b>	18.14	24.78
<b>C</b>	12.51	18.13
<b>D</b>	4.74	12.50
<b>F</b>	0.00	4.73

Additional Tools and Resources about this indicator and the Oklahoma School Report Card can be found at: <https://sde.ok.gov/oklahoma-report-card-resources>