



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., percentage of students on track or proficient); whereas, the points reflect the school’s performance relative to the statewide distribution, scaled to 30 points.

The Scores

The Academic Growth Total or composite score represents the overall *percentage of points* earned for growth in ELA and mathematics. This value 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		
TOTAL		26.10	30	87.00	A

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

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

$$\frac{\text{Total Growth Points (numerator)}}{\text{Total students (denominator)}} = \text{Score (average growth value from 0-200)}$$

This calculation is displayed in the Accountability Reporting application in Single Sign-On 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 Scores were populated from the Assessment student data tab. These records were reviewed and validated during the Assessment Data Verification Review (DVR) window. To be included in this measure, students in grades 4 through 8 must have consecutive scores. Records used in the calculation of this indicator 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.

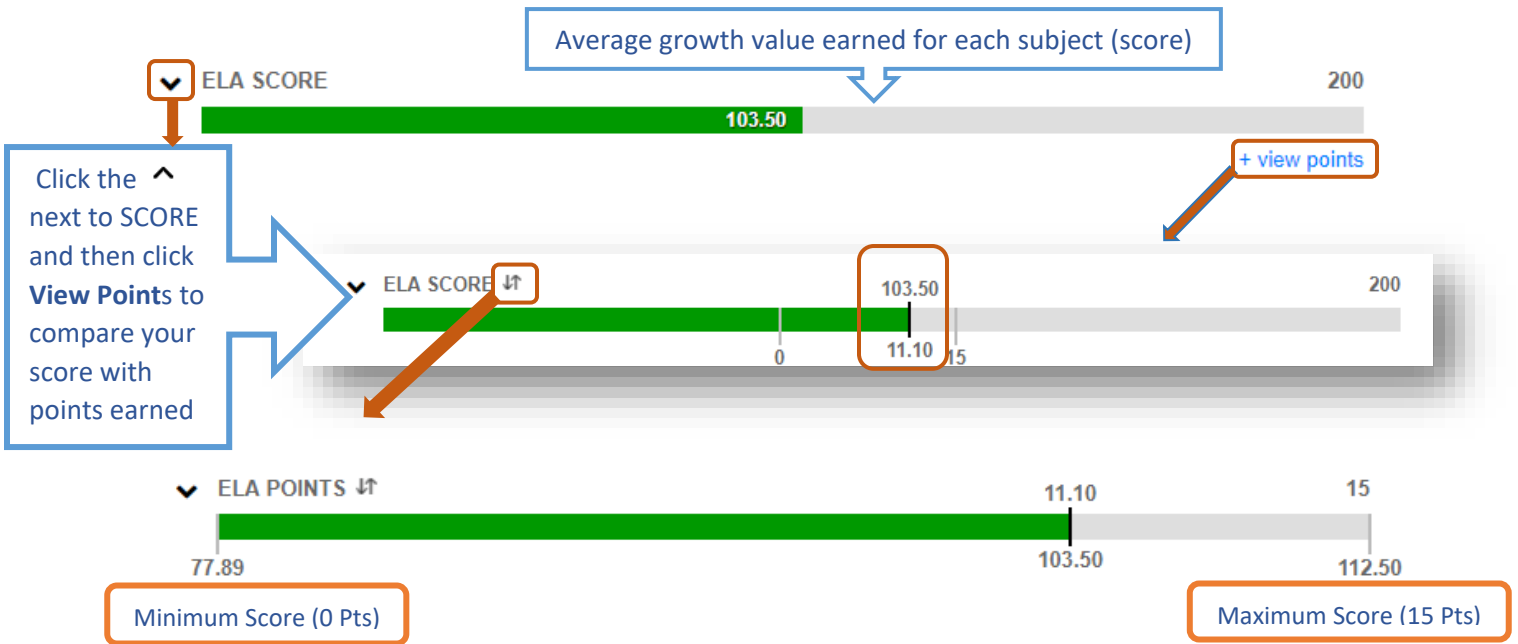
Assessment		Indicator		
Subject Group	Scale Score	Growth Perf Level PY	Growth Perf Level	Points
ELA	319	PH	PH	105
ELA	286	BH	BH	95
ELA	271	BL	BL	95
ELA	276	BBH	BL	130
ELA	291	BH	BH	95
ELA	264	BBH	BBH	90
ELA	324	PH	AL	135
ELA	297	PL	BH	80

The values in the Points column were determined by comparing the Growth Performance Level Prior Year (PY) to the Growth Performance Level using the [Academic Growth Value Table](#) (e.g., BL to BL 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 for the SY 2017-2018 report card. The minimum values correspond to approximately the second percentile and the maximum values correspond to approximately the 98th 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 Growth Score (0 Pts)	Maximum Growth 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

Each Academic Growth Subject 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 (Max Elementary ELA Score) – **77.89** (Min Elementary ELA Score) = **34.61** Overall Range



Step 2: Find where your school’s subject score fits within the overall range.

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

Step 3: Divide the value found in Step 2 by the total range found in Step 1

$$\frac{25.61 \text{ (Value from Step 2)}}{34.61 \text{ (Total Range)}} \times 100\% = 74.00\% \text{ (percent of points)}$$

Step 4: Multiply the percentage of Points earned by the Max Points Possible

$$74.00\% \text{ (% of points earned)} \times 15 \text{ (Max Points Possible)} = 11.10 \text{ points earned for ELA}$$

Repeat these steps for math. Your 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
A	25.76	30.00
B	18.57	25.75
C	11.26	18.56
D	4.90	11.25
F	0.00	4.89

Middle Academic Growth Indicator Letter Grade Rubric		
Grade	Low	High
A	24.79	30.00
B	18.14	24.78
C	12.52	18.13
D	4.87	12.51
F	0.00	4.86

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>