

## **School Grades Learning Gains Calculation for 2015-16**

The 2015-16 school grades calculation will use the new learning gains methodology required by s. 1008.34 F.S. and Rule 6A-1.09981 F.A.C. for the first time. Based on Florida law and rule, learning gains are calculated for both FSA English Language Arts and FSA Mathematics. The new learning gains methodology provides three ways in which a student may demonstrate that he or she has made a learning gain.

1. Improve one or more achievement levels from one year to the next (e.g., move from Level 1 to Level 2; Level 2 to Level 4, etc.).
2. Maintain a Level 3, Level 4, or Level 5 from one year to the next and the student's scores in Level 3 and Level 4 must have improved from one year to the next.
3. Split Levels 1 and 2 into multiple subcategories (Level 1 into thirds and Level 2 in half) and require the student to improve from one subcategory to a higher subcategory within the Level (e.g., move from the bottom third of Level 1 to the middle third of Level 1).

### **Students who improve one or more achievement levels from one year to the next**

- All students who increase their score from one achievement level to a higher achievement level demonstrate a learning gain.

### **Students who maintain a Level 3, Level 4, or Level 5 from one year to the next**

- Learning gains for students who maintain a Level 3 or Level 4 are determined based on whether the student improves their score by at least one point.
- Because the scales for the FSA Mathematics and each mathematics FSA EOC are different, students who take a mathematics FSA EOC assessment in the current year and maintain a Level 3 or Level 4 from the prior year have demonstrated a learning gain. This is also true for learning gains calculated from a mathematics FSA EOC to the FSA Mathematics assessment.
- Students who score at Level 5 demonstrate learning gains if they remain at Level 5.

### Students scoring in Level 1 or 2 and remaining in the same Achievement Level

- Learning gains for students who remain in Levels 1 and 2 are determined based on whether students increase their scores from one subcategory to a higher subcategory.
- Level 1 is split into three subcategories and Level 2 is split into two subcategories.
- A student that starts with a Low Level 1 score who makes a Learning Gain each year would reach Level 3 in five years.



### Score Ranges for Each Achievement Level and Subcategory

The tables below provide the score ranges for each achievement level and each subcategory (Low, Middle, and High) within achievement levels.

#### FSA English Language Arts

| Assessment | Level 1 |         |         | Level 2 |         |         | Level 3 | Level 4 | Level 5 |         |
|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|            | Level 1 | Low     | Middle  | High    | Level 2 | Low     |         |         |         | High    |
| Grade 3    | 240-284 | 240-254 | 255-269 | 270-284 | 285-299 | 285-292 | 293-299 | 300-314 | 315-329 | 330-360 |
| Grade 4    | 251-296 | 251-266 | 267-281 | 282-296 | 297-310 | 297-303 | 304-310 | 311-324 | 325-339 | 340-372 |
| Grade 5    | 257-303 | 257-272 | 273-288 | 289-303 | 304-320 | 304-312 | 313-320 | 321-335 | 336-351 | 352-385 |
| Grade 6    | 259-308 | 259-275 | 276-292 | 293-308 | 309-325 | 309-317 | 318-325 | 326-338 | 339-355 | 356-391 |
| Grade 7    | 267-317 | 267-283 | 284-300 | 301-317 | 318-332 | 318-325 | 326-332 | 333-345 | 346-359 | 360-397 |
| Grade 8    | 274-321 | 274-289 | 290-305 | 306-321 | 322-336 | 322-329 | 330-336 | 337-351 | 352-365 | 366-403 |
| Grade 9    | 276-327 | 276-293 | 294-310 | 311-327 | 328-342 | 328-335 | 336-342 | 343-354 | 355-369 | 370-407 |
| Grade 10   | 284-333 | 284-300 | 301-317 | 318-333 | 334-349 | 334-341 | 342-349 | 350-361 | 362-377 | 378-412 |

Excerpts from: <http://www.fldoe.org/core/fileparse.php/5637/urlt/2016SchoolGradesLearningGains.pdf>