Table of Contents

Introduction ............................................................................................................................................. 2
  Purpose of the FSA ................................................................................................................................. 2
  Subjects/Grade Levels Tested in 2018 ...................................................................................................... 2
  Testing Format ........................................................................................................................................ 2
  Question Formats ................................................................................................................................... 3

Florida Standards Assessments Scores ................................................................................................. 3
  FSA ELA, Mathematics, and EOC Scores .............................................................................................. 3
    ELA, Mathematics, and EOC Scale Scores and Performance Levels .................................................... 3
    Passing Scores and Alternate Passing Scores ....................................................................................... 5
    Reporting Category Performance Details ......................................................................................... 5
    Equating ............................................................................................................................................... 5
    Codes for No Data Reported .............................................................................................................. 5

FSA Student, School, District, and State Reports ................................................................................ 7
  FSA ELA, Mathematics, and EOC Individual Score Reports ................................................................. 8
    What’s New ......................................................................................................................................... 8
    ELA and Mathematics Individual Score Reports ................................................................................. 9
    EOC Individual Score Reports .......................................................................................................... 13
  FSA ELA, Mathematics, and EOC School Report of Students ............................................................. 16
    FSA ELA and Mathematics .................................................................................................................. 16
    FSA Algebra 1, Algebra 1 Retake, and Geometry EOC .................................................................... 17
  FSA ELA, Mathematics, and EOC District and State Reports of Results ......................................... 18
  FSA Reporting Categories .................................................................................................................... 23
    FSA ELA Reporting Categories ........................................................................................................ 23
    FSA Mathematics Reporting Categories .......................................................................................... 25
    FSA EOC Reporting Categories ....................................................................................................... 28

Glossary .................................................................................................................................................. 29
Understanding FSA Reports

Introduction
This document has been prepared to help you understand the score reports for the Florida Standards Assessments (FSA). It includes explanations of the reports, information about the content assessed in English Language Arts (ELA) and Mathematics relating to the Florida Standards, and a glossary of the terms used in the reports. The explanations provided for the sample reports apply to all grade levels unless otherwise noted.

Districts will receive paper copies of individual score reports for distribution to schools and students. All additional reports, including school-, district-, and state-level reports, can be found in the secure FSA Reporting System. The results posted in the FSA Reporting System are restricted, because they contain confidential student information. Only authorized district and school personnel can log in to the FSA Reporting System. Please see the FSA Reporting System User Guide for more information.

Note: Terms that are defined in the glossary appear in bold text the first time they are used in a section.

Purpose of the FSA
All Florida schools teach the Florida Standards in ELA and Mathematics. Student performance on the FSA assessments provides important information to parents/guardians, teachers, policy makers, and the general public regarding how well students are learning the Florida Standards.

Subjects/Grade Levels Tested in 2018
- Grades 3–10 ELA
  - Reading component in grades 3–10; Writing component in grades 4–10
- Grades 3–8 Mathematics
- Algebra 1
- Geometry
- Retakes – Grade 10 ELA and Algebra 1

Most students, including English language learner (ELL) and exceptional student education (ESE) students, enrolled in the tested grade levels or courses participated in the 2018 FSA administrations. Allowable accommodations were provided to ELL and ESE students who have accommodations documented on their Individual Education Plans (IEPs) or Section 504 Plans.

Testing Format
In 2018, all FSA assessments were computer-based tests (CBT) with the exception of Grade 3 ELA Reading and Grades 4–7 ELA Writing, which were paper-based only. In addition, paper-based accommodated test forms were provided for students who have that accommodation listed on their IEP or Section 504 Plan. Accommodated paper-based forms included large print, braille, and one-item-per-page for both paper-based and computer-based tests and regular print for computer-based tests. Computer-based accommodations, such as answer masking, text-to-speech, closed captioning (ELA), and American Sign Language (ASL) videos (ELA), were available in the computer-based platform. ELA Writing and ELA Reading passage booklets were also available for eligible students.

Understanding FSA Reports 2018
Question Formats

Students respond to items in multiple ways. The various question types are designed to assess higher-order thinking skills and offer diverse ways for students to demonstrate what they know and can do. Detailed descriptions of the question formats and item types are available in the item specifications posted to the FSA Portal.

Florida Standards Assessments Scores

FSA results are reported at the student, school, district, and state levels. Table 3 provides a list of FSA reports, the format in which the report is delivered, the grade levels for which each report is provided, and the page of this document on which each type of report is described.

FSA ELA, Mathematics, and EOC Scores

FSA assessments are scored using an Item Response Theory (IRT) model. An important contrast between IRT scoring and traditional methods is the use of pattern scoring. Pattern scoring is a method that considers the statistical characteristics of an item and whether or not the student answered the item correctly or not. For example, some items are harder than other items and some items are easier to guess on than other items. IRT assumes that test-item responses by students are the result of underlying levels of knowledge and skills, known as ability, possessed by those students and focuses on three statistical characteristics of the item: the \( a \)-, \( b \)-, and \( c \)-parameters. The \( a \)-parameter reflects the item’s ability to distinguish between students above and below a given level; the \( b \)-parameter represents the relative difficulty of the item; and the \( c \)-parameter reflects the likelihood of low-achieving students guessing the correct answer of a multiple-choice item. Information about the pattern of answers and the test items is used to evaluate the statistical characteristics of each test item. The IRT item parameters for all items on a test provide the means for determining scores of individual students. Because the item parameters represent response probabilities, each student’s achievement is assigned as the score most likely to correspond to that student’s responses.

As a result of this method of scoring, students with the same raw score (points possible) may have similar, but not necessarily identical, scale scores. Different scale scores result because the students’ patterns of correct answers were different.

ELA, Mathematics, and EOC Scale Scores and Performance Levels

After the Spring 2015 baseline FSA administration, the Florida Department of Education (FDOE) conducted the standard-setting process to establish the cut scores for the achievement levels, also called performance levels, for each grade and subject. The Florida State Board of Education adopted achievement level cut scores in January 2016 in State Board of Education Rule 6A-1.09422, Florida Administrative Code. Information regarding standard setting is available on the FDOE Standard Setting page. Both scale scores and performance levels are reported for FSA ELA, Mathematics, and EOC assessments. The scales on which students receive scores differ by grade and subject.

The scale score ranges comprise the five different performance levels, which correspond to the performance level descriptions shown in Table 1 on the following page. The corresponding Scale Score ranges for each level are shown in Table 2.
Table 1. Performance Levels

<table>
<thead>
<tr>
<th>Level</th>
<th>Inadequate</th>
<th>Below Satisfactory</th>
<th>Satisfactory</th>
<th>Proficient</th>
<th>Mastery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Highly likely to need substantial support for the next grade/course</td>
<td>Likely to need substantial support for the next grade/course</td>
<td>May need additional support for the next grade/course</td>
<td>Likely to excel in the next grade/course</td>
<td>Highly likely to excel in the next grade/course</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table 2. Florida Standards Assessments Scale Scores for Each Performance Level

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 3 ELA</td>
<td>240-284</td>
<td>285-299</td>
<td>300-314</td>
<td>315-329</td>
<td>330-360</td>
</tr>
<tr>
<td>Grade 4 ELA</td>
<td>251-296</td>
<td>297-310</td>
<td>311-324</td>
<td>325-339</td>
<td>340-372</td>
</tr>
<tr>
<td>Grade 5 ELA</td>
<td>257-303</td>
<td>304-320</td>
<td>321-335</td>
<td>336-351</td>
<td>352-385</td>
</tr>
<tr>
<td>Grade 6 ELA</td>
<td>259-308</td>
<td>309-325</td>
<td>326-338</td>
<td>339-355</td>
<td>356-391</td>
</tr>
<tr>
<td>Grade 7 ELA</td>
<td>267-317</td>
<td>318-332</td>
<td>333-345</td>
<td>346-359</td>
<td>360-397</td>
</tr>
<tr>
<td>Grade 8 ELA</td>
<td>274-321</td>
<td>322-336</td>
<td>337-351</td>
<td>352-365</td>
<td>366-403</td>
</tr>
<tr>
<td>Grade 9 ELA</td>
<td>276-327</td>
<td>328-342</td>
<td>343-354</td>
<td>355-369</td>
<td>370-407</td>
</tr>
<tr>
<td>Grade 10 ELA</td>
<td>284-333</td>
<td>334-349</td>
<td>350-361</td>
<td>362-377</td>
<td>378-412</td>
</tr>
<tr>
<td>Grade 3 Mathematics</td>
<td>240-284</td>
<td>285-296</td>
<td>297-310</td>
<td>311-326</td>
<td>327-360</td>
</tr>
<tr>
<td>Grade 4 Mathematics</td>
<td>251-298</td>
<td>299-309</td>
<td>310-324</td>
<td>325-339</td>
<td>340-376</td>
</tr>
<tr>
<td>Grade 5 Mathematics</td>
<td>256-305</td>
<td>306-319</td>
<td>320-333</td>
<td>334-349</td>
<td>350-388</td>
</tr>
<tr>
<td>Grade 6 Mathematics</td>
<td>260-309</td>
<td>310-324</td>
<td>325-338</td>
<td>339-355</td>
<td>356-390</td>
</tr>
<tr>
<td>Grade 7 Mathematics</td>
<td>269-315</td>
<td>316-329</td>
<td>330-345</td>
<td>346-359</td>
<td>360-391</td>
</tr>
<tr>
<td>Grade 8 Mathematics</td>
<td>273-321</td>
<td>322-336</td>
<td>337-352</td>
<td>353-364</td>
<td>365-393</td>
</tr>
<tr>
<td>Algebra 1 EOC</td>
<td>425-486</td>
<td>487-496</td>
<td>497-517</td>
<td>518-531</td>
<td>532-575</td>
</tr>
<tr>
<td>Geometry EOC</td>
<td>425-485</td>
<td>486-498</td>
<td>499-520</td>
<td>521-532</td>
<td>533-575</td>
</tr>
</tbody>
</table>

Understanding FSA Reports 2018
**Passing Scores and Alternate Passing Scores**
For all grade levels and subjects, the minimum scale score in performance level 3 is identified as the **passing score**. For the assessments that are graduation requirements, students must achieve the passing score to meet that requirement. (For Geometry, a passing score is required for students to qualify for the Scholar Designation but is not a graduation requirement.)

Students who took the Grade 10 FSA ELA, Algebra 1 EOC, or Geometry EOC assessment in the Spring 2015 FSA **baseline administration** are eligible to use an **alternate passing score** to meet the passing requirement on these assessments. The alternate passing scores are linked to the passing scores on the previous statewide assessments (the Next Generation Sunshine State Standards, or NGSSS, assessments). Passing scores, alternate passing scores, concordant, and comparative score options are explained in *Graduation Requirements for Florida’s Statewide Assessments*.

**Reporting Category Performance Details**
Each **reporting category** represents groups of similar skills, or benchmarks, that are assessed within each grade and subject. Reporting category performance is conveyed by displaying the **points earned** and the **points possible** for each category.

**Equating**
The FSA uses a different set of test items each year for purposes of test security. If the same test items were repeatedly reused each year, then it would not be possible to know if students are improving in their ELA and mathematics skills or if they are simply performing better because they were taught how to respond to these specific kinds of test items. When different test items are used to create a test, some statistical work is completed to ensure that the scores from the different test forms can be compared. This process is known as **equating** and is described in the FSA technical manuals.

Once the process of equating has been completed, scores from different test forms can be compared even when students were administered different versions of the test. For example, Grade 5 ELA scores in 2016 can be compared to Grade 5 ELA scores in 2017 only once the equating has been completed.

**Codes for No Data Reported**
The following abbreviations may appear on some student-level reports to indicate that no data are reported. The codes below describe the reasons that a field may be left blank on Mathematics or EOC educator reports.

- **NR** (Not Reported) indicates that no data are reported for one of the following reasons:
  - NR2—Did Not Meet Attemptedness Criteria
  - NR3—Marked Do Not Score
  - NR5—Below-Grade Tester
  - NR6—Duplicated Record
  - NR7—FDOE Hold
  - NR8—Caveon Invalidated

In the **FSA Reporting System**, the codes above will appear in the scale score column of the School Report of Students for grades 3–8 Mathematics, Algebra 1/Retake EOC, and Geometry EOC. However, since the ELA reporting code is determined by both the ELA Reading and ELA Writing score flags, the reporting codes on grades 3–10/Retake ELA reports do not list a flag number as they do for Mathematics and EOCs. The score flag information for ELA Reading and
ELA Writing will be available in the District Student Results files as well as in the Excel version of the School Report of Students in the FSA Reporting System. Two separate columns will display the ELA Reading score flags and the ELA Writing score flags for grades 4–10 so that schools and districts can better understand why the student’s score was not reported. Only the ELA Reading score flag column will be populated on the Grade 3 ELA School Report of Students, since the grade 3 ELA test consists of the Reading component only.

A dash (—) on the student-, school-, district-, or state-level reports appears when data are suppressed. To provide meaningful results and to protect the privacy of individual students, no data are reported if the number of students is fewer than ten. If all students would be reported in the same performance level, the data are suppressed, with the exception that the percentage passing and/or the totaled percentage of Performance Levels 3–5 are reported on summary educator reports.

In addition to NR codes, the following writing condition codes will be available in the FSA ELA District Student Results files, the Excel version of the School Report of Students, and the Individual Score Reports. These codes indicate why the student’s writing response cannot be scored.

- A—Blank*
- B—Insufficient
- C—Off-Topic**
- D—Foreign Language
- F—Illegible/Incomprehensible
- G—Copied Text

*Individual ELA Score Reports are not provided for students whose ELA Writing received the condition code A (Blank).

** Responses with condition code C (Off-topic) may receive up to two score points for Conventions of Standard English.
### Table 3: FSA Reports, Format of Delivery, and Grades

<table>
<thead>
<tr>
<th>FSA Report Type</th>
<th>Format of Delivery</th>
<th>Grades</th>
<th>Page of Report Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Student Reports</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELA Individual Score Report</td>
<td>Paper</td>
<td>3–10/Retake</td>
<td>9</td>
</tr>
<tr>
<td>Mathematics Individual Score Report</td>
<td>Paper</td>
<td>3–8</td>
<td>9</td>
</tr>
<tr>
<td>Algebra 1 EOC Individual Score Report</td>
<td>Paper</td>
<td>Algebra 1/Retake</td>
<td>13</td>
</tr>
<tr>
<td>Geometry EOC Individual Score Report</td>
<td>Paper</td>
<td>Geometry</td>
<td>13</td>
</tr>
<tr>
<td><strong>School Reports</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELA School Report of Students</td>
<td>Online</td>
<td>3–10/Retake</td>
<td>16</td>
</tr>
<tr>
<td>Mathematics School Report of Students</td>
<td>Online</td>
<td>3–8</td>
<td>16</td>
</tr>
<tr>
<td>EOC School Report of Students</td>
<td>Online</td>
<td>Algebra 1/Retake and Geometry</td>
<td>17</td>
</tr>
<tr>
<td><strong>District Reports</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELA District Report of Schools</td>
<td>Online</td>
<td>3–10</td>
<td>18</td>
</tr>
<tr>
<td>ELA Retake District Report of Schools</td>
<td>Online</td>
<td>Retake</td>
<td>18</td>
</tr>
<tr>
<td>Mathematics District Report of Schools</td>
<td>Online</td>
<td>3–8</td>
<td>18</td>
</tr>
<tr>
<td>Algebra 1 EOC District Report of Schools</td>
<td>Online</td>
<td>All</td>
<td>18</td>
</tr>
<tr>
<td>Geometry EOC District Report of Schools</td>
<td>Online</td>
<td>All</td>
<td>18</td>
</tr>
<tr>
<td>ELA District Summary</td>
<td>Online</td>
<td>3–10</td>
<td>20</td>
</tr>
<tr>
<td>ELA Retake District Summary</td>
<td>Online</td>
<td>Retake</td>
<td>20</td>
</tr>
<tr>
<td>Mathematics District Summary</td>
<td>Online</td>
<td>3–8</td>
<td>20</td>
</tr>
<tr>
<td>Algebra 1 EOC District Summary</td>
<td>Online</td>
<td>All</td>
<td>20</td>
</tr>
<tr>
<td>Algebra 1 Retake EOC District Summary</td>
<td>Online</td>
<td>Retake</td>
<td>20</td>
</tr>
<tr>
<td>Geometry EOC District Summary</td>
<td>Online</td>
<td>All</td>
<td>20</td>
</tr>
<tr>
<td><strong>State Reports</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELA State Report of Districts</td>
<td>Online</td>
<td>3–10</td>
<td>21</td>
</tr>
<tr>
<td>ELA Retake State Report of Districts</td>
<td>Online</td>
<td>Retake</td>
<td>21</td>
</tr>
<tr>
<td>Mathematics State Report of Districts</td>
<td>Online</td>
<td>3–8</td>
<td>21</td>
</tr>
<tr>
<td>Algebra 1 EOC State Report of Districts</td>
<td>Online</td>
<td>All</td>
<td>21</td>
</tr>
<tr>
<td>Geometry EOC State Report of Districts</td>
<td>Online</td>
<td>All</td>
<td>21</td>
</tr>
<tr>
<td>ELA State Summary</td>
<td>Online</td>
<td>3–10</td>
<td>22</td>
</tr>
<tr>
<td>ELA Retake State Summary</td>
<td>Online</td>
<td>Retake</td>
<td>22</td>
</tr>
<tr>
<td>Mathematics State Summary</td>
<td>Online</td>
<td>3–8</td>
<td>22</td>
</tr>
<tr>
<td>Algebra 1 EOC State Summary</td>
<td>Online</td>
<td>All</td>
<td>22</td>
</tr>
<tr>
<td>Algebra 1 Retake EOC State Summary</td>
<td>Online</td>
<td>Retake</td>
<td>22</td>
</tr>
<tr>
<td>Geometry EOC State Summary</td>
<td>Online</td>
<td>All</td>
<td>22</td>
</tr>
</tbody>
</table>
FSA ELA, Mathematics, and EOC Individual Score Reports

Readers should have their FSA ELA Individual Score Report (grades 3–10/Retake), FSA Mathematics Individual Score Report (grades 3–8), or FSA EOC Individual Score Report (Algebra 1/Retake or Geometry) when reviewing and interpreting information provided in this section. Below you will find explanations of elements on the score reports.

Note: Not all elements are present on each score report.

What’s New

Beginning with the Spring 2018 administration, Individual Score Reports include the following enhancements:

- **Previous Performance** (longitudinal data) – If students took an FSA ELA or Mathematics assessment in a prior year(s) and a score was reported, this chart will compare the student’s performance over time. The chart will indicate the performance levels for each year, and an arrow will indicate where in that level the student’s score fell. Previous Performance information is not available on grade 3 ELA Reading, grade 3 Mathematics, Retake or EOC reports.

  Sometimes, student information does not match from year to year (e.g., a different last name was used). If a student’s information cannot be linked to scores from prior years, that information will not be populated.

- **Performance Descriptions** – More detailed descriptions of what students are expected to know and do in each reporting category are provided for each subject and grade level.

- **Writing Performance (Domain Scores)** – Grades 4–10/Retake ELA reports contain the **points earned** and **points possible** for each of the three writing domains:
  
  o Statement of Purpose, Focus, and Organization (4 points possible)
  o Evidence and Elaboration (4 points possible)
  o Conventions of Standard English (2 points possible)

  If a student response was assigned a condition code (see page 6), the code will be displayed in this section.

- **Recommended Resources** – A list of information from the FSA Portal and the FDOE Website that parents/guardians and students may find useful to understand more about the FSA program, state policies regarding assessments, and other resources to promote better understanding of student expectations and to promote family engagement.

These enhancements are further described in the sample report sections that follow.
ELA and Mathematics Individual Score Reports

The FSA ELA and Mathematics Individual Score Report is a four-page color report. The report provides general information about the FSA program and the student’s 2018 FSA results, including the student’s **scale score, performance level, previous performance, and reporting category scores**. The report also indicates how the student’s performance compares to that of other students who took the same test in the same school, district, and the state, and provides a list of helpful resources. The information on this report is presented in English, Spanish, and Haitian Creole.

---

**Top of Report**: The test, student, school, and district are identified at the top of the report.

**Purpose of This Report**: A description of the FSA program and the student report. Each FSA score report is customized by grade and subject and, where appropriate, this section may include different elements.

**Performance Level & Scale Score**: Performance levels are indicated by both number and color for easy interpretation. An icon displays the student’s performance level. Next to the icon, a statement provides further information regarding the performance level and charts the **scale score** on a graph.

Note: Achieving a passing score on the Grade 10/Retake ELA is a **graduation requirement**. Therefore, in addition to the performance level indicator provided on the report, a statement also appears on these ELA reports indicating whether the student met the graduation requirement.
Previous Performance Chart: For students who participated in a grade 4–10 ELA assessment and/or a grade 4–8 Mathematics assessment, this chart will display student performance levels over time (i.e., longitudinal data). It will include the student’s most recent, as well as previous, performance on the FSA ELA or Mathematics assessment dating back to spring 2015 (if available). The arrows indicate generally where the student’s score fell within the performance level.

Note: Even if a student participated in prior years, if the student’s record could not be matched to previous results, that information will not be displayed in this section.

Performance Compared: A table lists the percentage of students in each performance level in the student’s school, district, and the state. The performance level in which the student scored is highlighted.
### Performance Details

A table lists the FSA ELA or Mathematics reporting categories assessed. The Points Earned column shows the actual number of points earned by the student. The Points Possible column provides the total number of points possible for each of the reporting categories.

<table>
<thead>
<tr>
<th>Reporting Categories</th>
<th>Points Earned</th>
<th>Points Possible</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Key Ideas and Details</strong></td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td><strong>Craft and Structure</strong></td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td><strong>Integration of Knowledge</strong></td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td><strong>Language and Vocabulary</strong></td>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td><strong>Text-Based Writing</strong></td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

*Please note that FDOE uses a scoring method called pattern scoring. As a result of this method of scoring, students with the same raw score (number of points earned) may have similar but not necessarily identical scale scores. Different scale scores result because the students' patterns of correct answers were different. See Understanding FSA Reports for more information.*
### Writing Performance: For Grades 4–10/Retake ELA reports, this chart indicates the number of points earned by the student and the number of points possible for each domain of the ELA Writing assessment.

<table>
<thead>
<tr>
<th>STATEMENT OF PURPOSE, FOCUS, AND ORGANIZATION</th>
<th>EVIDENCE AND ELABORATION</th>
<th>CONVENTIONS OF STANDARD ENGLISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your student earned 4 out of 4 possible points. The response is fully sustained and consistently focused within the purpose, audience, and task. It has a clearly stated controlling idea/claim and effective organizational structure creating coherence and completeness.</td>
<td>Your student earned 3 out of 4 possible points. The response provides adequate support with cited evidence for the controlling idea/claim that includes the use of sources, facts, and details.</td>
<td>Your student earned 2 out of 2 possible points. The response demonstrates an adequate command of basic conventions. The response may include some minor errors in usage, but no patterns of errors. It includes adequate use of punctuation, capitalization, sentence formation, and spelling.</td>
</tr>
<tr>
<td>Su estudiante obtuvo 4 de los 4 puntos posibles. La respuesta está totalmente fundamentada y centrada en el objetivo, la audiencia y la tarea. Tiene una idea de control/afirmación expresada claramente y una estructura organizacional efectiva, lo cual crea coherencia e integridad.</td>
<td>Su estudiante obtuvo 3 de los 4 puntos posibles. La respuesta incluye argumentos adecuados con pruebas citadas para respaldar la idea de control/afirmación del autor e incluye el uso de fuentes, hechos y detalles.</td>
<td>Su estudiante obtuvo 2 de los 2 puntos posibles. La respuesta demuestra un dominio adecuado de las convenciones básicas. La respuesta puede incluir errores menores en el uso, pero no presenta patrones de errores. Incluye el uso adecuado de la puntuación, el uso de mayúsculas, la formación de oraciones y la ortografía.</td>
</tr>
</tbody>
</table>

### Recommended Resources

**FSA Portal**
The FSA Portal is the gateway for FSA information and resources (www.fsaassessments.org), including FSA practice tests for both computer-based and paper-based tests, and the Students & Families page.
The following resources can be found on the Students & Families page:
- Understanding FSA Reports – this document provides additional information about this report and the scoring process.
- FSA Fact Sheets – these documents contain test administration and policy information for the assessments.

**FDOE Website**
You are encouraged to browse the department's website (www.fdoe.org) for many useful parent resources, including the following:
- Jost Road, Florida - Third Grade Guidance and Resources – this web page provides policies and resources related to third grade promotion.
- Jost Read, Families! - this web page contains resources for families to promote literacy and reading engagement.
- Middle Grades Promotion Requirements can be found on the Standards and Instruction Support page.
- Graduation Requirements for Florida’s Statewide Assessments – this document describes assessments required for graduation by student cohort.

**CPALMS**
FSA assessments are written to the Florida Standards, and CPALMS (http://www.cpalms.org) is the portal for resources related to the Florida Standards. You may visit this site to review the benchmarks for each grade level and subject order or course to help support your student and understand the expectations for learning at each stage of your student’s education.
EOC Individual Score Reports

The FSA EOC Individual Score Report is a three-page color report. The report provides general information about the FSA program and the student’s 2018 FSA results, including the student’s scale score, performance level, and reporting category scores. The report also indicates how the student’s performance compares to that of other students who took the same test in the same school, district, and state. The information on this report is presented in English, Spanish, and Haitian Creole.

1. Top of Report: The test, student, school, and district are identified at the top of the report.

2. Purpose of This Report: A description of the FSA program and the student report. Each FSA EOC score report is customized by subject and, where appropriate, this section may include different elements.

3. Performance Level & Scale Score: Performance levels are indicated by both number and color for easy interpretation. An icon displays the student’s performance level. Next to the icon, a statement provides further information regarding the performance level and charts the scale score on a graph.

Note: Achieving a passing score on the Algebra 1/Retake EOC is a graduation requirement. Therefore, in addition to the performance level indicator provided on the report, a statement also appears on these reports indicating whether the student met the graduation requirement.
### Performance Details

A table lists the EOC reporting categories assessed. The **Points Earned** column shows the actual number of points earned by the student. The **Points Possible** column provides the total number of points possible for each of the reporting categories.

<table>
<thead>
<tr>
<th>Reporting Categories</th>
<th>Points Earned</th>
<th>Points Possible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra and Modeling</td>
<td>7</td>
<td>24</td>
</tr>
<tr>
<td>Functions and Modeling</td>
<td>8</td>
<td>23</td>
</tr>
<tr>
<td>Statistics and the Number System</td>
<td>7</td>
<td>11</td>
</tr>
</tbody>
</table>

*Please note that the FDOE uses a scoring method called content scoring. As a result of this method of scoring, students with the same raw score (number of points earned) may have similar, but not necessarily identical, scale scores. Different scale scores result because the students' patterns of correct answers were different.*

---

*Understanding FSA Reports 2018*
Performance Compared:
A table lists the percentage of students in each performance level in the student’s school, district, and the state. The performance level in which the student scored is highlighted.

Recommended Resources:
This section provides information and resources for students and parents/guardians.

### Performance Compared

<table>
<thead>
<tr>
<th>Level</th>
<th>School</th>
<th>District</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 5</td>
<td>20%</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>Level 4</td>
<td>20%</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>Level 3</td>
<td>20%</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>Level 2</td>
<td>20%</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>Level 1</td>
<td>20%</td>
<td>21%</td>
<td>19%</td>
</tr>
</tbody>
</table>

### Recommended Resources

- **FSA Portal**
  The FSA Portal is the gateway for FSA information and resources ([www.fcat2018.org](http://www.fcat2018.org)), including FSA practice tests for both computer-based and paper-based tests, and the Students & Families page.

- **Understanding FSA Reports** – this document provides additional information about this report and the scoring process.
- **FSA Fact Sheets** – these documents contain test administration and policy information for the assessments.

- **FDOE Website**
  You are encouraged to browse the department's website ([www.fates.org](http://www.fates.org)) for many useful parent resources, including the following:
  - Just Read, Florida!
    - Third Grade Guidance and Resources – this web page provides policies and resources related to third grade promotion.
    - Just Read, Families! – this web page concerns resources for families to promote literacy and reading engagement.
  - FDOE Graduation Requirements for Florida’s Statewide Assessments – this document describes assessments required for graduation by student cohort.

- **CPALMS**
  FSA assessments are written to the Florida Standards, and CPALMS ([http://www.fostertoday.org](http://www.fostertoday.org)) is the portal for resources related to the Florida Standards. You may visit this site to review the benchmarks for each grade level and subject area or course to help support your student and understand the expectations for learning at each stage of your student’s education.
**FSA ELA, Mathematics, and EOC School Report of Students**

The School Report of Students for the FSA ELA, Mathematics, and EOC assessments are available in the FSA Reporting System. Reports are produced for ELA, Mathematics, Algebra 1, and Geometry, and will contain results, listed by grade level, for all students tested within the school. In addition, a district-level School Report of Students is available for district users, and contains the School Reports of Students for all schools in the district.

**FSA ELA and Mathematics**

Readers should have their FSA ELA School Report of Students (grades 3–10/Retake) or FSA Mathematics School Report of Students (grades 3–8) when reviewing and interpreting information provided in this section.

---

1. **Top of Report:** The subject, title of the report, and administration are printed at the top left of the report. School and district information are listed at the top middle of the report.

2. **Report Results Table:** A table lists each student’s name, Florida Education Identifier (FLEID), scale score, performance level, and the points earned/points possible by content area. The scale score ranges for each performance level are indicated in the subheading of the Performance Level column, and results are presented by grade level in ascending order.

   If a student received an NR code, it will appear in the Scale Score column.

   Note: A passing indicator is listed on the Grade 10 and Retake ELA reports only and will display NA for all other grades.

3. **Bottom of Report:** Footnotes on how to read the results in the table are included at the bottom of the report, along with the page number of the report and the administration and year for which the results were released.
FSA Algebra 1, Algebra 1 Retake, and Geometry EOC

Readers should have their FSA EOC Assessment School Report of Students when reviewing and interpreting information provided in this section.

1. **Top of Report:** The subject, title of the report, and administration are printed at the top left of the report. School and district information are listed at the top middle of the report.

2. **Report Results Table:** A table lists each student’s name, Florida Education Identifier (FLEID), scale score, performance level, and the points earned/points possible by content area. The scale score ranges for each performance level are indicated in the subheading of the Performance Level column, and results are presented by grade level in ascending order.

   If a student received an NR code, it will appear in the Scale Score column.

   A passing indicator is listed on the Algebra 1, Algebra 1 Retake, and Geometry EOC reports.

   Note: The Core Test Form column, which indicates the unique form administered to the student, appears on reports for spring administrations only.

3. **Bottom of Report:** Footnotes on how to read the results in the table are included here, along with the page number of the report and the administration and year for which the results were released.
FSA ELA, Mathematics, and EOC District and State Reports of Results

Readers should have one of the following FSA ELA, Mathematics, or EOC reports when reviewing and interpreting information provided in this section: District Report of Schools, District Summary, State Report of Districts, and/or State Summary. These reports (shown on the following pages) are formatted similarly and include the following features:

1. **Top of Report:** The subject, title of the report, and administration are displayed at the top left of the report. District and school information, as applicable, is listed at the top middle of the report.

2. **Report Results Table:** Identifying information for the district or school is provided in the first column. On the District Summary and State Summary, grade level information is also provided in this column. The number of students tested appears in the second column of all reports. The mean scale score is provided in the third column, and the percentage passing, if available, is provided in the fourth column. The percentage of students in each performance level is provided on the right side of the table along with a percentage of the passing levels (Levels 3–5).

3. **Bottom of Report:** Footnotes on how to read the results in the table are included here, along with the page number of the report and the administration and year for which the results were released. The District Summary and State Summary reports for grades 3–10 ELA and grades 3–8 Mathematics also include a table of the scale score ranges for each performance level by grade.
## District Report of Schools

### Mathematics

<table>
<thead>
<tr>
<th>Grade</th>
<th>School</th>
<th>Number of Students</th>
<th>Mean Scale Score (256-389)</th>
<th>Percentage in Each Performance Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>05</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9000</td>
<td>Demo School 9000</td>
<td>31</td>
<td>321</td>
<td>29</td>
</tr>
<tr>
<td>9001</td>
<td>Demo School 9001</td>
<td>36</td>
<td>325</td>
<td>31</td>
</tr>
<tr>
<td>9002</td>
<td>Demo School 9002</td>
<td>6</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>9003</td>
<td>Demo School 9003</td>
<td>33</td>
<td>356</td>
<td>13</td>
</tr>
<tr>
<td>9004</td>
<td>Demo School 9004</td>
<td>29</td>
<td>340</td>
<td>14</td>
</tr>
<tr>
<td>DISTRICT TOTAL</td>
<td>135</td>
<td>335</td>
<td>22</td>
<td>16</td>
</tr>
</tbody>
</table>
### Mathematics District Summary Report
Spring 2018

<table>
<thead>
<tr>
<th>Grade</th>
<th>District</th>
<th>State</th>
<th>DEMO DIST 77</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Students</td>
<td>Mean Scale Score</td>
<td>Percentage in Each Performance Level</td>
</tr>
<tr>
<td></td>
<td>Level 1</td>
<td>Level 2</td>
<td>Level 3</td>
</tr>
<tr>
<td>Grade 03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>48</td>
<td>269</td>
<td>77</td>
</tr>
<tr>
<td>State</td>
<td>2,000</td>
<td>275</td>
<td>67</td>
</tr>
<tr>
<td>Grade 04</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>56</td>
<td>274</td>
<td>84</td>
</tr>
<tr>
<td>State</td>
<td>2,000</td>
<td>288</td>
<td>69</td>
</tr>
<tr>
<td>Grade 05</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>78</td>
<td>320</td>
<td>33</td>
</tr>
<tr>
<td>State</td>
<td>1,995</td>
<td>321</td>
<td>28</td>
</tr>
<tr>
<td>Grade 06</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>State</td>
<td>1,994</td>
<td>325</td>
<td>28</td>
</tr>
<tr>
<td>Grade 07</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>7</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>State</td>
<td>1,995</td>
<td>329</td>
<td>30</td>
</tr>
<tr>
<td>Grade 08</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District</td>
<td>13</td>
<td>325</td>
<td>54</td>
</tr>
<tr>
<td>State</td>
<td>1,993</td>
<td>332</td>
<td>34</td>
</tr>
</tbody>
</table>

### FSA Mathematics Performance Levels by Scale Score Ranges

<table>
<thead>
<tr>
<th>Grade</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Grade 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 03</td>
<td>240-284</td>
<td>285-296</td>
<td>297-310</td>
<td>311-326</td>
<td>327-360</td>
<td>Grade 06</td>
</tr>
<tr>
<td>Grade 04</td>
<td>251-298</td>
<td>299-309</td>
<td>310-324</td>
<td>325-339</td>
<td>340-376</td>
<td>Grade 07</td>
</tr>
<tr>
<td>Grade 05</td>
<td>256-305</td>
<td>306-319</td>
<td>320-333</td>
<td>334-349</td>
<td>350-388</td>
<td>Grade 08</td>
</tr>
</tbody>
</table>

- To provide meaningful results and to protect the privacy of individual students, no data are reported if the number of students is less than ten. If all students would be reported in the same Performance Level, the data are suppressed, with the exception that the Percentage in Levels 3-5 is reported. A dash (—) indicates when data are suppressed.
- Performance Levels 3-5 are grouped together for comparison, since the percentage of students scoring at or above satisfactory is necessary for accountability reporting.
- When combined, percentages may not add to 100 due to rounding.

Copyright © 2018 State of Florida, Department of State

Page 1 of 1

Spring 2018
# State Report of Districts

## Mathematics
### State Report of Districts
#### Spring 2018

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grade 05</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>77 – DEMO DIST 77</td>
<td>78</td>
<td>320</td>
<td>33</td>
<td>14</td>
<td>17</td>
<td>19</td>
<td>17</td>
<td>17</td>
<td>53</td>
</tr>
<tr>
<td>99 – DEMO DIST 99</td>
<td>1,917</td>
<td>321</td>
<td>28</td>
<td>20</td>
<td>19</td>
<td>18</td>
<td>15</td>
<td>15</td>
<td>52</td>
</tr>
<tr>
<td><strong>STATE TOTAL</strong></td>
<td>1,995</td>
<td>321</td>
<td>28</td>
<td>19</td>
<td>19</td>
<td>18</td>
<td>15</td>
<td>15</td>
<td>52</td>
</tr>
</tbody>
</table>

*To provide meaningful results and to protect the privacy of individual students, no data are reported if the number of students is less than ten. If all students would be reported in the same Performance Level, the data are suppressed, with the exception that the Percentage in Levels 3-5 is reported. A dash (–) appears when data are suppressed.*

*Performance Levels 5-6 are grouped together for computation, since the percentage of students scoring at or above satisfactory is necessary for accountability reporting.*

*When tabulated, percentages may not add to 100 due to rounding.*
## Mathematics

### State Summary Report

#### Spring 2018

<table>
<thead>
<tr>
<th>Grade</th>
<th>Number of Students</th>
<th>Mean Scale Score</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 3-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>2,000</td>
<td>275</td>
<td>67</td>
<td>19</td>
<td>11</td>
<td>2</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>04</td>
<td>2,000</td>
<td>288</td>
<td>69</td>
<td>16</td>
<td>14</td>
<td>0</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>05</td>
<td>1,995</td>
<td>321</td>
<td>28</td>
<td>19</td>
<td>19</td>
<td>18</td>
<td>15</td>
<td>52</td>
</tr>
<tr>
<td>06</td>
<td>1,994</td>
<td>325</td>
<td>28</td>
<td>22</td>
<td>20</td>
<td>17</td>
<td>13</td>
<td>50</td>
</tr>
<tr>
<td>07</td>
<td>1,995</td>
<td>329</td>
<td>30</td>
<td>20</td>
<td>24</td>
<td>14</td>
<td>12</td>
<td>50</td>
</tr>
<tr>
<td>08</td>
<td>1,993</td>
<td>332</td>
<td>34</td>
<td>23</td>
<td>22</td>
<td>11</td>
<td>10</td>
<td>44</td>
</tr>
</tbody>
</table>

### FSA Mathematics Performance Levels by Scale Score Ranges

<table>
<thead>
<tr>
<th>Grade</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
</table>

* To provide meaningful results and to protect the privacy of individual students, no data are reported if the number of students is less than ten. If all students would be reported in the same performance level, the data are suppressed, with the exception that the percentages in levels 3-5 is reported. A dash (-) indicates when data are suppressed.

* Performance Levels 3-5 are grouped together for comparison, since the percentage of students scoring at or above satisfactory is necessary for accountability reporting.

* When reported, percentages may not add to 100 due to rounding.
FSA Reporting Categories

The content of each FSA ELA, Mathematics, and EOC assessment is organized by Reporting Category. Reporting categories group the assessed student knowledge and skills into broad content areas.

Note: Reporting categories should not be considered the sole indicators for determining the educational needs of students. Furthermore, providing instruction in a specific reporting category may not be justified and may actually be an inefficient use of instructional time.

When interpreting student results provided under the performance details for each reporting category, the following cautions and information should be considered:

- The number of items in a reporting category will vary by grade level. Consequently, users should not compare reporting category scores across grade levels.
- The difficulty of the items measuring each benchmark will vary from one year to the next. Consequently, users should not compare reporting category scores across years.
- The items in each assessment reporting category will potentially vary by test form. Consequently, users should not compare reporting category scores across test forms (EOCs only).

Note: As the Text-Based Writing reporting category is also broken out into three writing domain scores, the cautions and information above should be taken into consideration when interpreting these sub-scores provided in the writing performance section.

Definitions for each reporting category for each of the FSA assessments are provided below.

FSA ELA Reporting Categories

FSA ELA assessments measure student achievement of the Florida Standards in English language arts. For all grade levels tested, the FSA ELA tests assess what students know and are able to do in the broad reporting categories listed below. The difficulty of the concepts assessed on the FSA ELA tests progresses systematically from grade to grade, as does the complexity of the text presented to the student at each grade level.

Grade 3

- **Key Ideas and Details**
  In this category, students are expected to read closely to comprehend, analyze, and summarize essential information and concepts, referencing evidence from the text to support inferences and conclusions.

- **Craft and Structure**
  In this category, students are expected to interpret literal and nonliteral meanings of words/phrases, determine how text structures and text features impact meaning, and distinguish personal point of view from that of the narrator or author.

- **Integration of Knowledge and Ideas**
  In this category, students are expected to integrate and analyze content presented in diverse media formats and analyze treatment of similar themes or topics.

- **Language and Editing**
  In this category, students are expected to demonstrate command of the conventions of standard English grammar, usage, capitalization, punctuation, and spelling.
Grades 4–5

- **Key Ideas and Details**
  In this category, students are expected to read closely to comprehend, analyze, and summarize essential information and concepts, citing textual evidence to support inferences and conclusions.

- **Craft and Structure**
  In this category, students are expected to interpret connotative and figurative meanings of words/phrases, analyze how text structures and text features impact the text, and determine the effects of point of view or purpose.

- **Integration of Knowledge and Ideas**
  In this category, students are expected to integrate and evaluate content presented in diverse media formats and analyze the treatment of similar themes or topics and how the author uses reasons and evidence to support points.

- **Language and Editing**
  In this category, students are expected to demonstrate command of the conventions of standard English grammar, usage, capitalization, punctuation, and spelling.

- **Text-Based Writing**
  In this category, students are expected to draw relevant evidence from various texts to support a claim or controlling idea and produce clear and coherent writing with development, organization, and style appropriate to task, purpose, and audience.

Grades 6–10 and Retake

- **Key Ideas and Details**
  In this category, students are expected to read closely to understand information; cite textual evidence to support inferences/conclusions; analyze development and interaction of central ideas, themes, individuals, events, or supporting ideas; and summarize key concepts.

- **Craft and Structure**
  In this category, students are expected to interpret connotative and figurative meanings of words/phrases, analyze how word choice affects meaning/tone and how text structures impact the text, and determine the effects of point of view or purpose.

- **Integration of Knowledge and Ideas**
  In this category, students are expected to integrate and evaluate content presented in diverse media formats; evaluate arguments for claims, validity, relevance, and sufficient evidence; and analyze treatment of similar themes or topics.

- **Language and Editing**
  In this category, students are expected to demonstrate command of the conventions of standard English grammar, usage, capitalization, punctuation, and spelling.

- **Text-Based Writing**
  In this category, students are expected to draw relevant evidence from various texts to support a claim or controlling idea and produce clear and coherent writing with development, organization, and style appropriate to task, purpose, and audience.
FSA Mathematics Reporting Categories

FSA Mathematics assessments measure student achievement of the Florida Standards in Mathematics. For all grade levels tested, the FSA Mathematics tests assess what students know and are able to do in the broad reporting categories listed below. The difficulty of the concepts assessed on the FSA Mathematics tests progresses systematically from grade to grade, as does the complexity of the numerals and mathematical operations included at each grade level.

Grade 3

- **Operations, Algebraic Thinking, and Numbers in Base Ten**
  In this category, students are expected to represent and solve problems involving multiplication and division; understand properties of multiplication and the relationship between multiplication and division; multiply and divide within 100; solve problems involving the four operations, and identify and explain patterns in arithmetic; and use place value understanding and properties of operations to perform multi-digit arithmetic.

- **Numbers and Operations—Fractions**
  In this category, students are expected to develop understanding of fractions as numbers.

- **Measurement, Data, and Geometry**
  In this category, students are expected to solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects; represent and interpret data; understand concepts of area and relate area to multiplication and addition; recognize perimeter as an attribute of plane figures and distinguish between linear and area measures; and reason with shapes and their attributes.

Grade 4

- **Operations and Algebraic Thinking**
  In this category, students are expected to use the four operations with whole numbers to solve problems, gain familiarity with factors and multiples, and generate and analyze patterns.

- **Numbers and Operations in Base Ten**
  In this category, students are expected to generalize place value understanding for multi-digit whole numbers and use place value understanding and properties of operations to perform multi-digit arithmetic.

- **Numbers and Operations—Fractions**
  In this category, students are expected to extend understanding of fraction equivalence and ordering, build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers, and understand decimal notation for fractions and compare decimal fractions.

- **Measurement, Data, and Geometry**
  In this category, students are expected to solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit, represent and interpret data, understand concepts of angle and measure angles, and draw and identify lines and angles and classify shapes by properties of their lines and angles.
Grade 5

- **Operations, Algebraic Thinking, and Fractions**  
  In this category, students are expected to write and interpret numerical expressions, analyze patterns and relationships, use equivalent fractions as a strategy to add and subtract fractions, and apply and extend previous understandings of multiplication and division to multiply and divide fractions.

- **Numbers and Operations in Base Ten**  
  In this category, students are expected to understand the place value system and perform operations with multi-digit whole numbers and decimals to hundredths.

- **Measurement, Data, and Geometry**  
  In this category, students are expected to convert like measurement units within a given measurement system, represent and interpret data, understand concepts of volume and relate volume to multiplication and addition, graph points on the coordinate plane to solve real-world and mathematical problems, and classify two-dimensional figures into categories based on their properties.

Grade 6

- **Ratio and Proportional Relationships**  
  In this category, students are expected to understand ratio concepts and use ratio reasoning to solve problems.

- **Expressions and Equations**  
  In this category, students are expected to apply and extend previous understandings of arithmetic to algebraic expressions, reason about and solve one-variable equations and inequalities, and represent and analyze quantitative relationships between dependent and independent variables.

- **Geometry**  
  In this category, students are expected to solve real-world and mathematical problems involving area, surface area, and volume.

- **Statistics and Probability**  
  In this category, students are expected to develop understanding of statistical variability and summarize and describe distributions.

- **The Number System**  
  In this category, students are expected to apply and extend previous understandings of multiplication and division to divide fractions by fractions, compute fluently with multi-digit numbers and find common factors and multiples, and apply and extend previous understandings of numbers to the system of rational numbers.
Grade 7

- **Ratio and Proportional Relationships**
  In this category, students are expected to analyze proportional relationships and use them to solve real-world and mathematical problems.

- **Expressions and Equations**
  In this category, students are expected to use properties of operations to generate equivalent expressions and solve real-life and mathematical problems using numerical and algebraic expressions and equations.

- **Geometry**
  In this category, students are expected to draw, construct, and describe geometrical figures and describe the relationships between them and solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

- **Statistics and Probability**
  In this category, students are expected to use random sampling to draw inferences about a population; draw informal comparative inferences about two populations; and investigate chance processes and develop, use, and evaluate probability models.

- **The Number System**
  In this category, students are expected to apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

Grade 8

- **Expressions and Equations**
  In this category, students are expected to work with radicals and integer exponents and understand the connections between proportional relationships, lines, and linear equations.

- **Functions**
  In this category, students are expected to define, evaluate, and compare functions and use functions to model relationships between quantities.

- **Geometry**
  In this category, students are expected to understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem; and solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

- **Statistics and Probability and the Number System**
  In this category, students are expected to investigate patterns of association in bivariate data and know that there are numbers that are not rational and approximate them by rational numbers.
FSA EOC Reporting Categories

The content of the FSA EOC assessments is organized by reporting categories that are used for test design, scoring, and reporting purposes. Reporting categories group the assessed student knowledge and skills into broad content areas. Definitions for each reporting category are provided below for each of the FSA EOC assessments.

Algebra 1 and Retake

- **Algebra and Modeling**
  In this category, students are expected to perform operations on polynomials; understand the relationship between zeros and factors of polynomials; use mathematical structure of expressions; create, solve, and reason with equations and inequalities; and choose and use appropriate mathematics to model situations.

- **Functions and Modeling**
  In this category, students are expected to understand the concept of a function; interpret functions and key features in a context; analyze and graph functions; build a function that models a relationship; construct linear, quadratic, and exponential functions; and solve problems using functions.

- **Statistics and the Number System**
  In this category, students are expected to extend the properties of exponents to rational exponents; use properties of rational and irrational numbers; summarize, represent, and interpret data for one- and two-variable data; and interpret linear models.

Geometry

- **Congruence, Similarity, Right Triangles, and Trigonometry**
  In this category, students are expected to understand congruence and similarity in terms of transformations, prove and use geometric theorems, demonstrate geometric constructions, define trigonometric ratios, solve problems involving right triangles, and use congruence and similarity criteria for triangles.

- **Circles, Geometric Measurement, and Geometric Properties with Equations**
  In this category, students are expected to prove and apply theorems about circles, find arc lengths and areas of sectors, derive the equation of a circle, use coordinates to prove theorems and to solve problems algebraically, and explain and use volume formulas.

- **Modeling with Geometry**
  In this category, students are expected to apply geometric concepts in modeling situations.
Glossary

Note: Terms defined in this glossary that have been cross-referenced appear in **bold text** the first time they are referenced in a definition other than their own.

**Achievement Levels**—Also referred to as **performance levels**, five categories of achievement that represent the success students demonstrate with the content assessed. The achievement levels are helpful in interpreting what a student’s score represents. Achievement levels range from 1 to 5, with Level 1 being the lowest and Level 5 being the highest. Achieving a score in Level 3 or higher is considered satisfactory. The minimum score in Level 3 is the **passing score** for each assessment.

**Achievement Level Cut Scores**—The minimum **scale scores** for placement in each of the five **achievement levels**. The cut scores are established through a process called **standard setting** and were established in State Board of Education Rule 6A-1.09422.

**Alternate Passing Score**—The **passing score** that students who participated in the **baseline administration** (prior to the establishment of **achievement level cut scores**) may use to meet the graduation requirement for passing the Grade 10 ELA/Retake and Algebra 1/Retake EOC (or to receive the scholar designation by passing the Geometry EOC assessment).

**Baseline Administration**—The first administration of new assessments aligned to statewide standards. The FSA baseline administration took place in spring 2015. Student results from the **baseline administration** are used in the process of **standard setting**.

**CBT Tools**—Tools available to students in the **computer-based testing** platform. CBT tools vary slightly depending on the **subject area**. Readers should refer to the **Test Administrator User Guide** under FSA Resources on the FSA Portal for a list of FSA CBT tools provided on all computer-based tests.

**Computer-Based Testing (CBT)**—In 2018, the FSA Grades 8–10/Retake ELA Writing, Grades 4–10/Retake ELA Reading, Grades 3–8 Mathematics, Algebra 1/Retake EOC, and Geometry EOC were given in a computer-based format, with paper-based accommodations provided for eligible students. When taking the test on the computer, students record their answer choices using the mouse or keyboard, and they may use various **CBT tools**, such as a highlighter or notepad, as they respond. Before exiting the assessment and submitting their responses, students are taken to a screen that identifies questions that are answered, unanswered, and marked for review.

**Florida Education Identifier (FLEID)**—A code issued by the Florida Department of Education used to uniquely identify a person in Florida’s education data system.

**FSA Reporting System**—The system used to access student-, school-, district-, and state-level score reports. Only authorized users have access to this system.

**Items**—Test questions that students are required to answer. Information about item types are included in the Test Item Specifications available on the FSA Portal. In addition, student practice tests (also available on the portal) include possible item types students may encounter on a test.

**Mean**—An average of the individual scores that describes the performance of a group of students. The mean is computed by finding the sum of all scores and dividing by the number of scores used in the sum.
Mean Scale Score—The calculated mean scale score of all students at the school, district, or state level.

Passing Score—The minimum scale score in achievement level 3 for each grade and subject. For Grade 10 ELA and EOCs, see alternate passing score.

Percent Passing—The percentage of students in the district or state that achieve a scale score at or above the passing score for each assessment. Percent passing is only reported on district and state summary reports.

Performance Level—See Achievement Levels.

Points Earned—See Reporting Category Scores.

Points Possible—The sum of the maximum scores for items measuring a given Reporting Category. The number of points possible in a reporting category may change slightly each year.

Previous Performance—The performance of a student in the selected subject in past FSA administrations, if available.

Reporting Category—Broad content areas into which the assessed student knowledge and skills are grouped.

Reporting Category Scores—The sum of the scores for items measuring a given Reporting Category. Reporting category scores are also referred to as raw scores.

Scale Score—A scale score is used to report student results on the entire test on the FSA scale. An overall theta score, which is dependent on how a student answers individual items, is calculated and converted to the scale score in order to reflect the student’s achievement level.

Standard Setting—The process by which achievement level cut scores are established. Standard setting is based on input from educators, community and business leaders, and the public, as well as the state’s education leadership.

State Mean—The average scale score for each assessment used for comparison purposes. Individual student scores, school mean scores, or district mean scores can be compared to the state mean.

Subject Area—The information or skills contained in an area of study. The subject areas assessed in the 2018 FSA tests are ELA and Mathematics.

Writing Condition Code—The descriptor assigned to a student ELA Writing response indicating the reason an irregular score was assigned. (For example, “C” indicates a response that is off topic but receives a conventions score of 0–2. Similarly, “G” indicates a response that is completely copied text and receives a score of 0.)

Writing Domain Scores—While the ELA Writing component is one category that contributes to the overall ELA score (Text-Based Writing), there are three domain scores awarded for each response. The sum of these sub-scores is the total score for the Text-Based Writing reporting category (10 raw score points).
Copyright Statement for this Office of Assessment Publication

Authorization for reproduction of this document is hereby granted to persons acting in an official capacity within the Uniform System of Public K–12 Schools as defined in Section 1000.01(4), Florida Statutes. This copyright notice must be included in all copies.

All trademarks and trade names found in this publication are the property of their respective owners and are not associated with the publisher of this publication.

This publication is provided by the Florida Department of Education to Florida public schools free of charge and is not intended for resale.

Permission is NOT granted for distribution or reproduction outside the Uniform System of Public K–12 Schools or for commercial distribution of the copyrighted materials without written authorization from the Florida Department of Education. Questions regarding use of these copyrighted materials should be sent to the following:

Office of Assessment
Florida Department of Education
325 West Gaines Street, Suite 414
Tallahassee, Florida 32399-0400

Copyright © 2018
State of Florida
Department of State