

**Guide to Preparing  
for the Florida  
Algebra 1  
End – of – Course  
Assessment**



## FSA Algebra 1 End – of – Course Assessment

### General Information:

The Florida Algebra 1 End – of – Course Assessment (FSA Algebra 1 EOC) is administered 3 times a year. All students enrolled in Algebra 1, Algebra 1 Honors or equivalent course must take and pass the Algebra 1 EOC. Passing the FSA Algebra 1 EOC is accomplished by earning a level 3 or higher on the FSA Algebra 1 EOC. The FSA Algebra 1 EOC is 30% of the student’s final grade. Earning credit in Algebra 1 can be done two ways: passing the FSA Algebra 1 EOC or passing the course once the FSA Algebra 1 EOC has been included as 30% of the final grade. Below is a table showing the Achievement Level and the Assessment Scale scores.

FSA Algebra 1 EOC Assessment Scale Scores (425-575)				
Level 1	Level 2	Level 3	Level 4	Level 5
425-486	487-496	497-517	518-531	532-575

All information regarding the FSA Algebra 1 EOC can be found on the FSA Portal: [www.fsassessments.org](http://www.fsassessments.org).

The FSA Algebra 1 EOC is administered on the computer (Computer-Based Test or CBT) over two days. Each day is a 90 – minute session. The first session is a non – calculator session and the second session is a calculator – permitted session. There is a total of 64 – 68 items on the FSA Algebra 1 EOC, about 32 – 34 items per session. Students who are not finished after 90 minutes may continue working on the test, but must be completed within half of a school day.

### Graduation requirements:

Students must **pass** the FSA Algebra 1 End – of – Course Assessment **and** earn a credit in Algebra 1 to fulfill their graduation requirement.

### FSA calculator and reference sheet:

During the calculator – permitted session, students will have access to an online scientific calculator. The calculator can be found at: <http://demo.tds.airast.org/TDSCalculator/TDSCalculator.html?mode=ScientificInv>. Students may use a hand-held calculator provided it meets the functionalities put forth by the State. Below are some models that have been approved by FLDOE.

Texas Instruments TI – 30Xa	Casio FX – 260 Solar	Casio FX-82 Solar	Sharp EL – 510R	Sharp EL – 510 RN
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The FSA Algebra 1 EOC reference sheet can be found at: [http://fsassessments.org/wp-content/uploads/2015/11/FSAMathematicsReferenceSheetsPacket\\_2016--17.pdf](http://fsassessments.org/wp-content/uploads/2015/11/FSAMathematicsReferenceSheetsPacket_2016--17.pdf).

## Test breakdown:

The FSA Algebra 1 EOC has three reporting categories that are weighted differently. The weighting of the categories is seen in the table below.

Category	Percentage
Algebra and Modeling	41
Functions and Modeling	40
Statistics and the Number System	19

The Test Item Specifications can be found at the following link: [http://fsassessments.org/wp-content/uploads/2015/08/Algebra1-FSA-ItemSpecs-508\\_Final\\_052217.pdf](http://fsassessments.org/wp-content/uploads/2015/08/Algebra1-FSA-ItemSpecs-508_Final_052217.pdf).

## Other resources that may be used to prepare for the FSA Algebra 1 EOC

**FSA Practice Tests:** While the practice tests provided are aligned to content standards, the primary purpose of the practice test is to provide opportunities for students to use the tools that will be used when answering the variety of question types on the CBT. Students can access and take the tests as often as they like, but the questions will not change.

<http://www.fsassessments.org/students-and-families/practice-tests/> (Use Chrome or Firefox)

Practice Test Answer Key - [http://fsassessments.org/wp-content/uploads/2015/11/FSA\\_SP17\\_ALG1\\_Practice-Test\\_Answer-Key\\_CBT\\_FBL.pdf](http://fsassessments.org/wp-content/uploads/2015/11/FSA_SP17_ALG1_Practice-Test_Answer-Key_CBT_FBL.pdf)

**Partnership for Assessment of Readiness for College and Career (PARCC) Practice Tests:** Both paper based and computer based practice is available. The questions are a good resource for the types of questions that may be found on the FSA Algebra 1 EOC, but the digital tools are not the same as the tools available on the FSA Algebra 1 EOC. <https://parcc.pearson.com/practice-tests/math/>

**Khan Academy Core:** Students can select practice problems by standard or topic. This site has digital tool practice and content tutorials. <https://www.khanacademy.org/math/algebra>

**Math Nation:** A partnership with the University of Florida and Study Edge; offers lesson videos, study guides and a test yourself section to help students prepare for the state assessments. Students can access this resource using their Active Directory. <https://clever.com/in/stjohns>

For additional information and resources, please visit: <http://www.stjohns.k12.fl.us/smath/>