FSA Geometry End-of-Course Assessment Guide

Overview

All students enrolled in Geometry, Geometry Honors, or an equivalent course must take the Geometry EOC assessment. The FSA Geometry EOC is 30% of the student’s final grade. Students can earn credit for the course by either scoring at a level 3 or higher on the assessment or by passing the course once the assessment has been included as 30% of their grade. The table below shows the achievement levels and the assessment scale scores.

<table>
<thead>
<tr>
<th>FSA Geometry EOC Assessment Scale Score (425-575)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
</tr>
<tr>
<td>425-485</td>
</tr>
</tbody>
</table>

The FSA Geometry EOC is administered on the computer over a two day period. Students will have 90 minutes each day, but may continue to work on the test as long as the time does not exceed half of the regular school day. The EOC contains a maximum of 68 questions covering three content areas. The percentage weights of each content area are listed in the table below.

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congruence, Similarity, Right Triangles and Trigonometry</td>
<td>46</td>
</tr>
<tr>
<td>Circles, Geometric Measurement and Geometric Properties with Equations</td>
<td>38</td>
</tr>
<tr>
<td>Modeling with Geometry</td>
<td>16</td>
</tr>
</tbody>
</table>

Assessment Functionality

Students will experience a variety of different technology enhanced item types. They should be familiar with each type listed below.

1. **Multiple Choice** – Students are given four answer choices and must select the one correct answer.
2. **Table Item** – Students type numeric values into a table.
3. **Graphic Response Item Display** – Students select numbers, words, phrases, or images and use the drag-and-drop feature to place them into a graphic.
4. **Multi-Select** – Students select two or more correct answers from the five to seven options given.
5. **Selectable Hot Text** – Students hover over the option they want to select and click on it to select it.
6. **Equation Editor** – Students will select a variety of mathematical symbols from a toolbar to create a response.

7. **Drag-and-Drop Hot Text** – Students will drag certain numbers, words, or phrases from a bank of possible answers to the corresponding box that completes the statement.

8. **Open Response** – Students will use the keyboard to enter a response into a text field.

9. **Matching Item** – Students will check a box to indicate if information from a column header matches information from a row.

10. **Editing Task** – Students will click a highlighted space, which reveals a drop-down menu containing options for completing a sentence.

*Complete information regarding the FSA Geometry EOC can be found on the FSA Portal: [www.fsassessments.org](http://www.fsassessments.org)*

**Resources**

**FSA Calculator:** The second session of the assessment allows the use of a scientific calculator. Students will have access to an on-line calculator as well as a district provided hand-held calculator. The link to the on-line version is below.


**Reference Sheet:** The FSA Algebra 1 EOC reference sheet can be found at:


**Test Item Specifications:** This document contains a description of each standard, clarification, and specific content limits of items associated with the standard.


**FSA Practice Tests:** Students can practice using the tools required for answering questions. They may take the test as many times as they like, but the questions will not change.


**Math Nation:** This site contains instructional videos, study guides, assessments and test preparation strategies. Students can access using their district issued username/password.

[www.mathnation.com](http://www.mathnation.com)

**Kahn Academy:** Students can practice using digital tools, watch tutorial videos, and solve practice problems by standard and topic.

[https://www.khanacademy.org/math/geometry](https://www.khanacademy.org/math/geometry)

**Point of Contact**

Steve Layson, Coordinator of Math, [laysons@martin.k12.fl.us](mailto:laysons@martin.k12.fl.us)

*Revised July 2017*