



Curriculum Night

Welcome Parents!

PRESENTATION BY:
CRYSTAL SHELTON

Purpose of the FSA

- ▶ The primary purpose of the Florida Standards Assessment (FSA) is to assess a new higher set of state education benchmarks based off the nationally-recognized Common Core Standards.

When is the FSA?

- ❖ FSA Testing Window for Grades 5–8 Mathematics:

Tentative: May 1 – May 29, 2019

- ▶ 6th grade- paper based test
- ▶ 7th grade and 8th grade – computer-based test

Grade 6 Content Categories

- ▶ Expressions and Equations (30%)
- ▶ The Number System (21%)
- ▶ Statistics & Probability (19%)
- ▶ Geometry (15%)
- ▶ Ratios/Proportional Relationships (15%)

Grade 7 Content Categories

- ▶ Geometry (23%)
- ▶ Expressions & Equations (21%)
- ▶ Statistics & Probability (16%)
- ▶ The Number System (15%)
- ▶ Ratios & Proportional Relationships (25%)

Grade 8 Content Categories

- ▶ Expressions & Equations (30%)
- ▶ Geometry (27%)
- ▶ Functions (25%)
- ▶ Statistics & Probability and
The Number System (18%)



Test Item Formats:

On the FSA Mathematics tests, students respond to several kinds of questions.

A paint mixture uses a specific blue to green ratio.

Complete the table using the ratio given.

Paint Mixture	
Blue Paint	Green Paint
2	5
4	
6	

Table Response

A table of equivalent ratios is shown.

[table with (2, 20), (4, 40), (6, 60) and (8, 80)]

Use the Add Point tool to plot these points on the coordinate grid.

Graphic Response — Drawing

Tom knows that, in his school, 10 out of every 85 students are left-handed. There are 391 students in Tom's school.

How many students in Tom's school are left-handed?

Equation Response

An expression is shown.

$$\frac{2}{3} \div \frac{3}{4}$$

Which problem can be solved using the expression?

- A. Eric ate $\frac{2}{3}$ of a container that holds $\frac{3}{4}$ cup of yogurt. How much yogurt did Eric eat?
- B. Eric ate $\frac{3}{4}$ of a container that holds $\frac{2}{3}$ cup of yogurt. How much yogurt did Eric eat?
- C. How many $\frac{3}{4}$ cup servings are in $\frac{2}{3}$ of a cup of yogurt?
- D. How many $\frac{2}{3}$ cup servings are in $\frac{3}{4}$ cup of yogurt?

Multiple
Choice
Response

Match the equivalent expression in the table.

	$4(10+9)$	$9(5+2)$	$3(12+7)$
$36+21$			
$45+18$			
$40+36$			

Matching
Item
Response

Chicago, Illinois has an elevation of 600 feet above sea level. The elevation of Seeley, California is -200 feet.

Select all the true statements.

- A. Seeley is above sea level.
- B. Seeley is at sea level.
- C. Seeley is below sea level.
- D. The difference in elevations is less than 600 feet.
- E. The difference in the elevations is 600 feet.
- F. The difference in the elevations is more than 600 feet.

Multi-Select
Response

Multi Select Item

A scatter plot is a graph with

- a) Points plotted to show a possible relationship between two sets of data
- b) A horizontal x-axis
- c) The x-axis represents the dependent variable
- d) A vertical y-axis
- e) The y-axis represents the independent variable

Chicago, Illinois has an elevation of 600 feet above sea level. The elevation of Seeley, California is -200 feet.

What does 0 represent in the context of this situation?

Natural
Language
Response

Natural Language Response

- ▶ Describe two ways that cells are alike.

Use the Add Point tool to graph $(-2.5, 0.5)$ on the coordinate plane.

Graphic
Response

Four values are shown.

$[-\frac{2}{4}, 1.6, -2.25, 3\frac{3}{4}]$

Drag each value to its correct location on the number line.

Graphic
Response

Konrad draws a rectangle.

- Two of the vertices are $(2, 7)$ and $(7, 7)$.
- The perimeter of the rectangle is 16 units.

Use the Connect Line tool to draw a possible rectangle that could be Konrad's.

Graphic
Response —
Drawing

Graphic Response

Drag in order from the smallest structure to the largest structure.

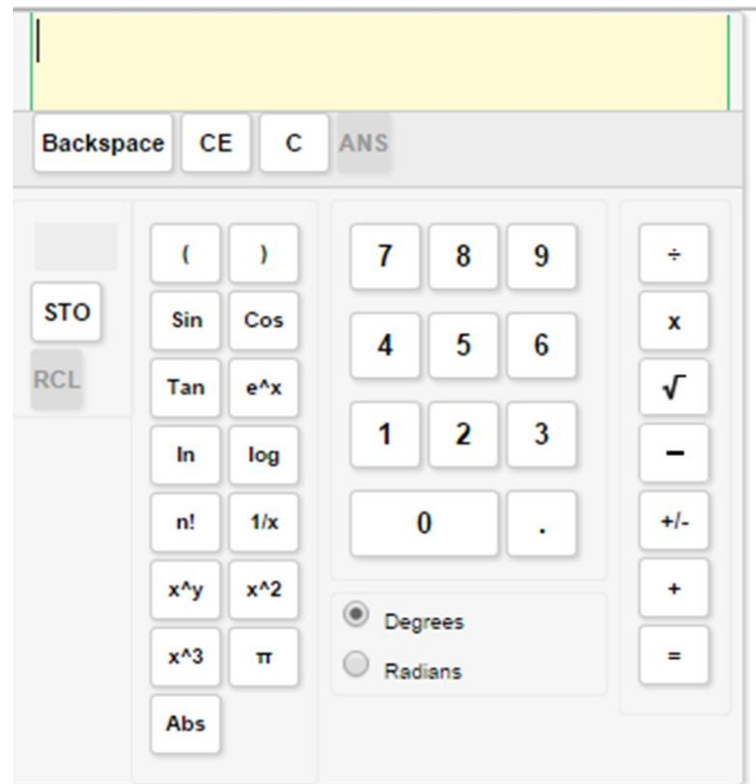
Tissues

Cells

Organ Systems

Organ

Calculators are provided on the screen on specific questions. Not all questions will allow for use of calculators.



Testing Sessions

Grade	Session Length	Number of Sessions
3	80 minutes	2
4	80 minutes	2
5	80 minutes	2
6	60 minutes	3
7	60 minutes	3
8	60 minutes	3

All **FSA Mathematics** assessments are administered over two days, including those consisting of three sessions. For Grades 6–8, Session 1 must be administered on Day 1 and Sessions 2 and 3 on Day 2.

Preparing for FSA

- ▶ Multiplication facts mastered?
- ▶ FSA Camp (Level 1 & 2): Jan. 14 – Apr. 22
Mondays from 3:30pm-4:30pm.
Every week involves a different topic.
- ▶ National Junior Honor Society (NJHS) students are available to tutor on Monday- Friday mornings from 8:15-8:40 in Room Y112.
- ▶ Students should complete their AM and iReady assignments.



FSA Practice Site

▶ www.fsassessments.org

Helpful Math Websites

- ▶ [i-ready.com](https://www.i-ready.com)
- ▶ www.mathplayground.com
- ▶ www.mathsnacks.com
- ▶ www.khanacademy.org
- ▶ National Library of Virtual Manipulatives
www.nlvm.usu.edu/en/nav/vlibrary.html

More Math Websites

- ▶ <http://www.teachertube.com/>
- ▶ <http://www.aaamath.com/>
- ▶ <http://www.mathtv.org/>
- ▶ <http://www.thatquiz.org/>
- ▶ <http://jc-schools.net/tutorials/interact-math.htm>
- ▶ www.onlinemathlearning.com
- ▶ <http://math.com>
- ▶ <http://hotmath.com/>
- ▶ <http://www.math-drills.com/>