

**HELPING YOUR CHILD SUCCEED
ON THE FLORIDA STANDARDS
ASSESSMENTS
MATHEMATICS**



Middle School Presentation

MATH FLORIDA STANDARDS (MAFS)

• **STANDARDS FOR MATHEMATICAL PRACTICE**

THE HABITS OF MIND
THAT ARE EVIDENT IN A
MATHEMATICALLY
PROFICIENT STUDENT.

- PERSEVERE, PROBLEM SOLVE AND ATTEND TO PRECISION
- REASONING AND EXPLAINING
- MODELING AND USING TOOLS
- SEEING STRUCTURE AND GENERALIZING

Focus

Coherence

Rigor

MATH FLORIDA STANDARDS (MAFS)

● **CONTENT STANDARDS**

THE ACTUAL MATH
CONTENT THAT WILL BE
COVERED AT EACH
GRADE LEVEL.

- GEOMETRY
- MEASUREMENT AND DATA
- NUMBERS AND OPERATIONS:
 - IN BASE 10
 - FRACTIONS
- OPERATIONS AND ALGEBRAIC THINKING
- COUNTING AND CARDINALITY (K ONLY)

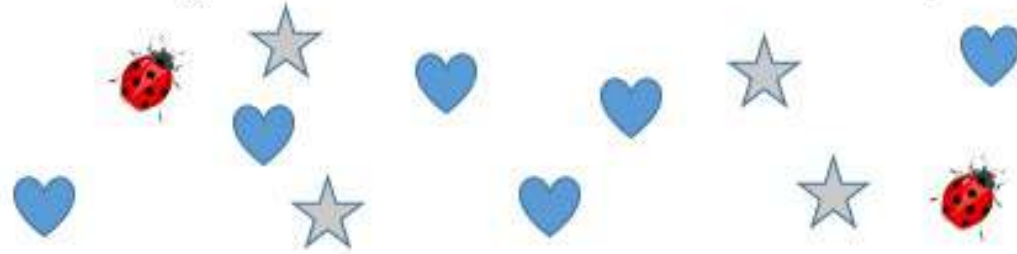
Focus

Coherence

Rigor

WHAT'S THE DIFFERENCE?

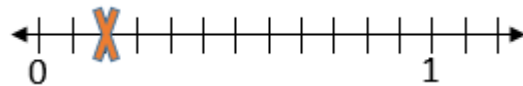
Justine is using the stickers below to decorate a picture frame.



1. What fraction of Justine's stickers are hearts? Which of the numbers in your fraction represents the whole set of stickers?

$$\frac{6}{12}$$

2. Draw and label a number line and mark an X on the number line to show the location of the fraction of Justine's stickers that are ladybugs.

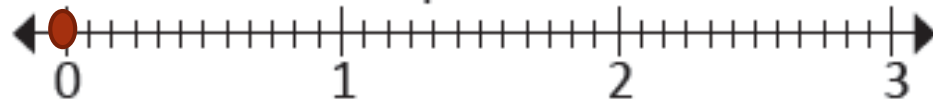


WHAT'S THE DIFFERENCE?

Ava and Mia are comparing the fractions $\frac{3}{2}$ and $\frac{5}{6}$.

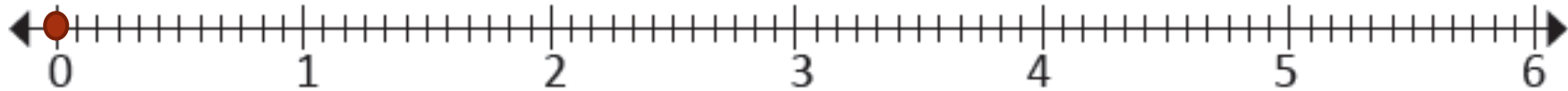
PART A: Ava created this number line to graph $\frac{3}{2}$.

Select the correct point on the number line to represent $\frac{3}{2}$.



Mia created this number line to graph $\frac{5}{6}$.

Select the correct point on the number line to represent $\frac{5}{6}$.



WHAT'S THE DIFFERENCE?

PART B: Is $\frac{3}{2}$ greater than or less than $\frac{5}{6}$? Explain how you know.

$\frac{3}{2}$ is greater than $\frac{5}{6}$ because $\frac{3}{2}$ is greater than 1 and $\frac{5}{6}$ is less than 1

PART C: Write a fraction that is between $\frac{3}{2}$ and $\frac{5}{6}$. $\frac{\boxed{7}}{\boxed{6}}$

Explain how you know your fraction is between $\frac{3}{2}$ and $\frac{5}{6}$.

$\frac{3}{2}$ is equivalent to $\frac{9}{6}$ and $\frac{7}{6}$ is between $\frac{5}{6}$ and $\frac{9}{6}$.

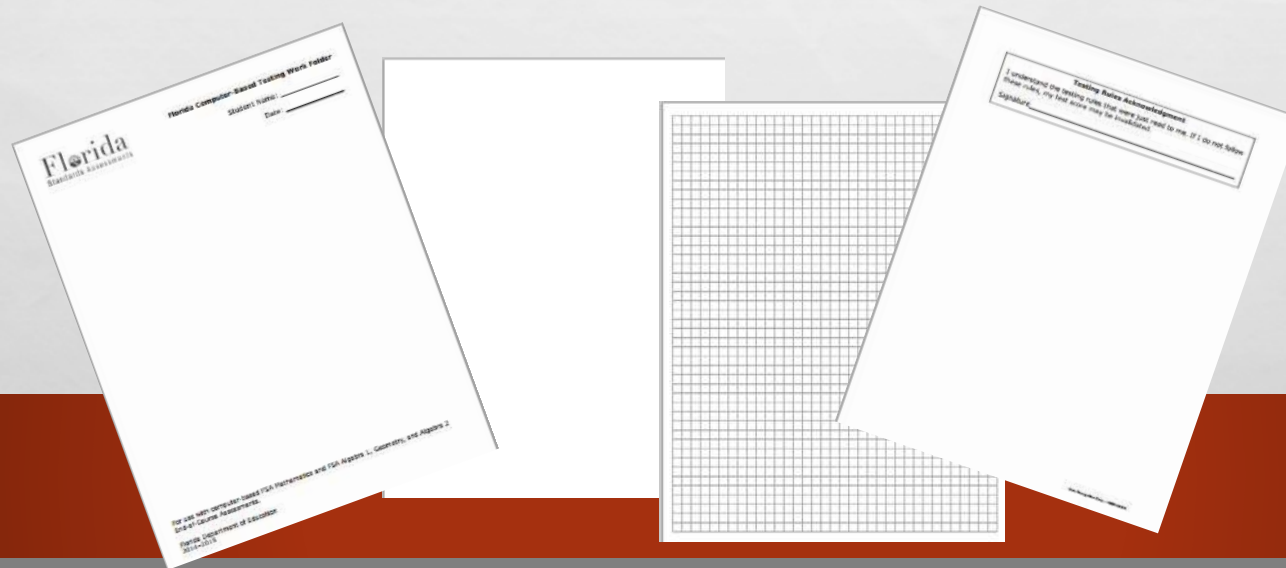
2015 FSA TESTING DATES

Grade level	Session Number	Date	Duration	Delivery method
6 th /7 th	1	April 23 (6 th) April 29 (7 th)	60 minutes	Computer Based (CBT)
6 th /7 th	2/3	April 24 (6 th) April 30 (7 th)	120 minutes	Computer Based (CBT)
Algebra 1	1	May 12	90 minutes	Computer Based (CBT)
Algebra 1	2	May 14	90 minutes (Calculator)	Computer Based (CBT)

60 – 64 items will be divided over the two/three sessions of the test.

2015 FSA TESTING DETAILS

- STUDENTS TAKING THE COMPUTER BASED TEST WILL BE GIVEN A WORK FOLDER.
- ALL STUDENTS (MIDDLE AND HIGH) WITH EXTENDED TIME FOR AN ACCOMMODATION ON A 504 OR IEP WILL BE ALLOWED ADDITIONAL TIME.



CALCULATOR POLICY

FSA Calculator Summary	
Assessment	Calculator Permitted
Grades 3 and 4 Mathematics	PBT- None
Grades 5 and 6 Mathematics	CBT - None
Grades 7 and 8 Algebra 1 Algebra 2 Geometry	Computer based scientific calculator or hand-held scientific calculator

CALCULATOR POLICY DETAILS

- CALCULATORS WILL NOT BE PERMITTED FOR ANY SESSION FOR GRADE 6
- CALCULATORS WILL NOT BE PERMITTED SESSION 1 BUT WILL BE PERMITTED FOR SESSION 2 AND 3 FOR GRADES 7-8 AND FOR SESSION 2 FOR ALGEBRA 1, GEOMETRY, AND ALGEBRA 2
- A SCIENTIFIC CALCULATOR IS SUFFICIENT FOR ALL ITEMS IN THE CALCULATOR SESSION(S) OF THE MATHEMATICS FSA. [LINK TO FSA/EOC SCIENTIFIC CALCULATOR.](#)
- THEREFORE, STUDENTS MAY USE THE COMPUTER-BASED SCIENTIFIC CALCULATOR OR A HAND-HELD SCIENTIFIC CALCULATOR WHEN TAKING A MATHEMATICS FSA (GRADE 7, GRADE 8, ALGEBRA 1, GEOMETRY, AND ALGEBRA 2).

APPROVED SCIENTIFIC CALCULATORS

- CASIO: FX-260SOLAR (THIS ONE HAS THE FRACTION KEY, THE SCHOOL EDITION DOES NOT.)
 - SCHOOL PROVIDED CALCULATOR
- TEXAS INSTRUMENT: TI-30XA (THE SOLAR VERSION DOES NOT HAVE THE FRACTION KEY)
- SHARP: EL-501X
- SHARP: EL-510RN
- VICTOR: V30-RA

REFERENCE SHEETS

Conversion table provided for Grades 6-8 and Algebra

Customary Conversions

1 foot = 12 inches
1 yard = 3 feet
1 mile = 5,280 feet
1 mile = 1,760 yards

1 cup = 8 fluid ounces
1 pint = 2 cups
1 quart = 2 pints
1 gallon = 4 quarts

1 pound = 16 ounces
1 ton = 2,000 pounds

Metric Conversions

1 meter = 100 centimeters
1 meter = 1000 millimeters
1 kilometer = 1000 meters

1 liter = 1000 milliliters

1 gram = 1000 milligrams
1 kilogram = 1000 grams

Time Conversions

1 minute = 60 seconds
1 hour = 60 minutes
1 day = 24 hours
1 year = 365 days
1 year = 52 weeks

Grade 6-8 and Algebra

Formulas will be embedded in the problems.

TEST ITEM TYPES

- **PLEASE NOTE: 25%-50% OF THE ITEMS WILL BE TECHNOLOGY ENHANCED ITEMS; THE REMAINDER WILL BE A MIX OF MULTIPLE CHOICE AND MULTIPLE SELECT ITEMS.**
- **SOME INDIVIDUAL QUESTIONS MAY USE A COMBINATION OF TEST ITEMS.**
- **ALL QUESTION TYPES HAVE THE SAME WEIGHTING. THERE WILL BE NO PARTIAL CREDIT GIVEN FOR ITEM TYPES WORTH 1 POINT.**

Item Type	Description
Multiple Choice Items	Students will have to select the single correct answer. There will be 4 choices and only one answer can be selected. Item worth 1 point.
Multiple Select Items	Students will be required to select 2 or more correct answers. Some questions will direct students to select a specific number of answers. There may be 5, 6, or even 7 options to choose from. ALL CORRECT RESPONSES MUST BE SELCTED FOR CREDIT – THERE WILL NOT BE ANY PARTIAL CREDIT. Item worth 1 point.
Equation Response	Students may be required to write a numeric response, an expression or equation. Equivalent fractions and decimals will be accepted except in items that are assessing a standard where a certain form is the expectation of the standard. Students may give answers as mixed numbers or fractions greater than 1. Students will not be required to place a 0 in front decimal values between -1 and 1.
Grid Items with Action Buttons (Graphic Response)	Students may be required to use actions buttons (points, lines, and/or arrows) on a coordinate grid.
Hot Text Items (Drag and Drop Response)	Students may be required to either click on a response option or drag and drop a response option to another location.
Open Response Items (Natural Language Response)	Students may be required to use the keyboard to enter a word or phrase response into a text field. This may be an explanation of some sort. These responses will be machine scored. Students will not be required to write in complete sentences or have correct spelling to receive credit.
Matching Item Response	Students may be required to match a column with a row. (Most likely to be a field test item for Spring 2015.)
Table Response	Students may be required to type numeric values in a table. Depending on the question, students may complete part of the table or the entire table. (Most likely a field test item for Spring 2015.)
Editing Task or Editing Task Choice Items (Selectable Text Response)	Students may be required to complete these editing tasks for highlighted words or phrases. Students will either enter a replacement word or phrase or select the best replacement word or phrase from a drop down box with options. (Most likely a field test item for Spring 2015.)

7

Lisa is trying to earn money to buy a bike. She can either open a lemonade stand or sell cookies, but she does not have the time to do both.

What is the opportunity cost for Lisa if she decides to open a lemonade stand?

- A She cannot buy a bike.
- B She cannot sell lemonade.
- C She cannot sell any cookies.
- D She cannot earn any money.

Click on an answer option or row to select it as your answer.

Multiple
Choice

Multiple
Select

12

Select the values that are greater than or equal to $\frac{1}{2}$.

- 0.6
- $\frac{2}{6}$
- $\frac{5}{8}$
- .5
- .45
- One Fifth
- $\frac{2}{10}$

Click the checkbox next to each option you want to select as a response. You may select more than one option.

QUESTION TYPES

Write your response in the box provided. Writing your response is the correct way to enter your answer ONLY for the items that tell you to do this. Some may have two parts.

EQUATION ITEMS

(OPEN RESPONSE)

A bakery uses 48 pounds of flour each day. It orders flour every 28 days.

Create an equation that shows how many pounds of flour the bakery needs to order every 28 days.

$$f = 48 \times 28 \text{ OR } f = 48 \cdot 28$$

TECHNOLOGY - ENHANCED ITEMS

25% - 50% OF THE TEST WILL BE SOMETHING OTHER THAN MULTIPLE CHOICE OR MULTIPLE SELECT

HOT TEXT ITEMS: CLICK, DRAG AND DROP

MATCHING: STUDENTS WILL CHECK A BOX TO INDICATE IF THE INFORMATION FROM A COLUMN HEADER MATCHES THE INFORMATION FROM A ROW

TABLE ITEMS: STUDENTS WILL TYPE NUMERIC VALUES IN A GIVEN TABLE. TABLE ITEMS COULD ALSO BE A HOT TEXT ITEM.

TECHNOLOGY - ENHANCED ITEMS GRADE 6

Juan has two pictures on his desk.

The measurements are as follows:

- Picture A: 4 inches by $\frac{1}{2}$ inch
- Picture B: 4 inches by 2 inches

Use the Connect Line tool to draw the shape of each picture using the scale provided.

How much larger is Picture B than Picture A?

Drag a number to the box to complete the sentence.

0
1
2
3
4
5
6
7
8
9

Picture A

Picture B

$\frac{1}{2}$ inch

Picture B is times larger than Picture A.

TECHNOLOGY - ENHANCED ITEMS GRADE 6

Two fractions with different denominators have a sum of $\frac{7}{12}$.

What are two possible addends that result in this sum?

Enter each answer on a separate line.

$\frac{5}{12}$	$\frac{1}{4}$
----------------	---------------

$\frac{1}{6}$	$\frac{1}{3}$
---------------	---------------

← → ↶ ↷ ✕

1	2	3	+	-	×	÷
4	5	6	<	=	>	
7	8	9	$\frac{\square}{\square}$	\square^\square	()	
0	.					

TECHNOLOGY - ENHANCED ITEMS GRADE 6

A table is shown.

Pattern A	5	7	9	11	13	15
Pattern B	15	17	19	21	23	25

Create two different equations that show how Pattern A and Pattern B are related to each other.

Enter each equation on a separate line.

$$A + 10 = B$$

$$B - 10 = A$$



1	2	3	A	B		
4	5	6	+	-	×	÷
7	8	9	<	=	>	
0	.		$\frac{\square}{\square}$	\square^\square	()	

FLORIDA STANDARDS ASSESSMENTS PORTAL

WWW.FSASSESSMENTS.ORG

ALL FSA INFORMATION AND UPDATES

STUDENTS AND PARENTS RESOURCES

PRACTICE TESTS

TEST DESIGN AND ITEM SPECIFICATIONS

USE CHROME  OR FIREFOX 



The screenshot shows the Florida Standards Assessments Portal website. The top navigation bar includes links for Home, Users, Resources, and Announcements, along with options for Email Alerts, Register, and Settings. The main content area is divided into several sections:

- Test Administrators**: A button with an image of people in a meeting.
- District Assessment Coordinators**: A button with an image of a group of people.
- School Assessment Coordinators**: A button with an image of a group of people.
- Students and Parents**: A button with an image of a child and a parent.
- Educators**: A button with an image of a teacher and students.
- Technology Coordinators**: A button with an image of a group of people.

The **Recent Announcements** section features a list of updates:

- See the **2014-2015 Assessment Accommodations Frequently Asked Questions** document for information and guidance regarding the provision of assessment accommodations for students with disabilities and English Language Learners. *Added January 16, 2015*
- The **FSA Training Test Site** has been updated. Please see the **Training Test Guide** at www.fsassessments.org/training-tests for more information. *Added October 17, 2014*
- A flyer that offers general information about the FSA program has been created for Florida families. You may access this **new resource** in the FDOE Announcements and Schedules folders on the **Resources** pages. *Added September 8, 2014*
- The Florida Standards Assessments System Requirements for Online Testing have been updated to include web browser information for the training test, netbook screen resolution, and revised Chrome OS details. Please see the updated document in the **Resources** section. *Added July 8, 2014*
- Online Portal and Resources for the Florida Standards Assessment - Memo 6/27/2014**. *Added June 30, 2014*
- Please **click here** to view all announcements

The **Welcome!** section provides information about the portal and offers links for more information about Florida standards, course descriptions, and standard resources, including www.cpalms.org.

On the right side, there are several utility buttons:

- Visit FDOE**: A button with the FDOE logo.
- Secure Browser**: A button with a shield icon.
- Resources**: A button with a book icon.
- Training Tests**: A button with a bicycle icon.

At the bottom, there is a **FDOE on Twitter** section with the text "Tweets by @EducationFL".

ASSESSMENT RESOURCES


FSA TRAINING TESTS

[HTTP://WWW.FSASSESSMENTS.ORG/TRAINING-TESTS](http://www.fsassessments.org/training-tests)

COMPUTER BASED TEST (CBT)

PAPER – BASED TEST (PBT)

USE CHROME  OR FIREFOX 



The screenshot shows the Florida Standards Assessments website. At the top, there is a navigation bar with links for Home, Users, Resources, and Announcements, along with an Email Alerts section containing Register and Settings. The main header features the Florida Standards Assessments logo and a decorative palm frond. Below the header, the 'Training Tests' section is highlighted with a red border. It contains four icons: a computer monitor with a bicycle (labeled 'CBT'), a blue book with a bicycle (labeled 'Computer-Based Training Test Guide'), a stack of blue books (labeled 'Computer-Based Training Test Answer Keys'), and a blue folder with a bicycle (labeled 'PBT'). The 'CBT' and 'PBT' icons are circled in red. Below the icons, the text 'About the Training Tests' explains the purpose of the tests and provides instructions on how to access them. A yellow box on the right lists the available tests by subject and grade level. At the bottom, there is a note about supported web browsers.

Home Users Resources Announcements Email Alerts: Register | Settings

Florida Standards Assessments

Training Tests

Take the Computer-Based Training Test **CBT**

Computer-Based Training Test Guide

Computer-Based Training Test Answer Keys

Paper-Based Training Test Materials **PBT**

About the Training Tests

The purpose of these training tests is to become familiar with the system, functionality, and item types; the tests are not intended to guide classroom instruction. Descriptions and response instructions for each item type are included in the Training Test User Guide that may be accessed in the "Resources" pages of this portal. Users should refer to the tutorials or the guide to familiarize themselves with the different features and response instructions for each item type.

Answer keys for Reading, Language, and Listening and Mathematics training tests that list the item, correct answer, and grade level/subject of each item are also located in the "Resources" pages of this portal. Some students may have difficulty with some of the content aligned to higher grades within the grade level/subject range of each training test; nevertheless, this should not interfere with students' ability to interact with an item for its intended training purpose. If an item appears to be too difficult, encourage students to experiment with the tools, choose the best answer and move on to the next item.

Computer-based accommodations for students with disabilities (e.g., text-to-speech) are not available in the training tests at this time. These features will be available for student practice this fall.

Users must use a supported Web browser to access the Training Test site. The supported Web browsers for the training tests are Firefox 10-30, Chrome 19-35, Safari 4-7, or Internet Explorer 10 or 11.

The training tests combine sample items for different grade levels and subject areas. The following tests are available:

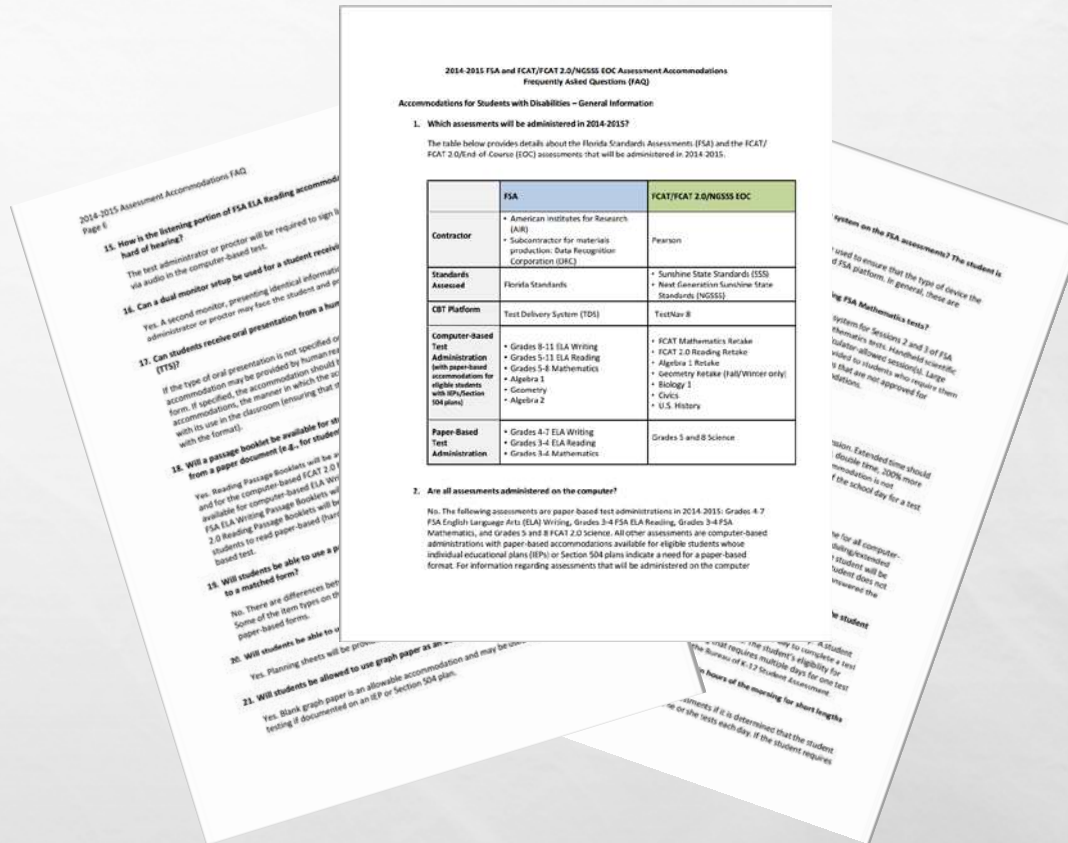
- Writing
 - Grades 4-5 FSA ELA
 - Grades 6-8 FSA ELA
 - Grades 9-11 FSA ELA
- Reading, Language, and Listening
 - Grades 3-5 FSA ELA
 - Grades 6-8 FSA ELA
 - Grades 9-11 FSA ELA
- Mathematics
 - Grades 3-4 FSA
 - Grades 5-6 FSA
 - Grades 7-8 FSA
 - FSA EOC

ASSESSMENT RESOURCES

FLORIDA STANDARDS ASSESSMENTS FAQ

[HTTP://FSASSESSMENTS.ORG/WP-CONTENT/UPLOADS/2015/01/2014-2015-ASSESSMENT-ACCOMMODATIONS-FAQ.PDF](http://fsassessments.org/wp-content/uploads/2015/01/2014-2015-Assessment-Accommodations-FAQ.pdf)

ASSESSMENT RESOURCES

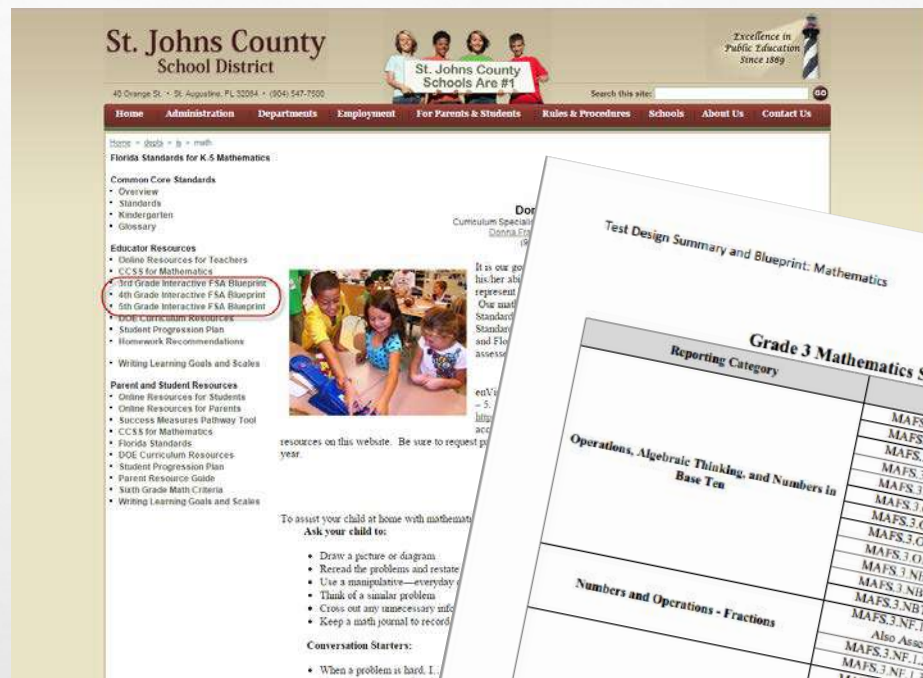


FSA BLUEPRINTS

[HTTP://WWW.STJOHNS.K12.FL.US/DEPTS/IS/MATH/](http://www.stjohns.k12.fl.us/depts/is/math/)

LINKS TO THE TEST ITEM SPECIFICATIONS FROM THE TEST BLUEPRINT

USE INTERNET EXPLORER 



Test Design Summary and Blueprint: Mathematics

Florida Standards Assessments

Reporting Category	Standard	% of Test
Operations, Algebraic Thinking, and Numbers in Base Ten	MAFS.3.OA.1.1	48
	MAFS.3.OA.1.2	
	MAFS.3.OA.1.3	
	MAFS.3.OA.1.4	
	MAFS.3.OA.2.5	
	MAFS.3.OA.2.6	
	MAFS.3.OA.3.7	
	MAFS.3.OA.4.8	
	MAFS.3.OA.4.9	
	MAFS.3.NBT.1.1	
Numbers and Operations - Fractions	MAFS.3.NBT.1.2	17
	MAFS.3.NBT.1.3	
	Also Assesses MAFS.3.G.1.2	
Measurement, Data, and Geometry	MAFS.3.NF.1.2	35
	MAFS.3.NF.1.3	
	MAFS.3.MD.1.1	
	MAFS.3.MD.1.2	
	MAFS.3.MD.2.3	
	MAFS.3.MD.2.4	
	MAFS.3.MD.3.7	
Also Assesses MAFS.3.MD.3.5 and MAFS.3.MD.3.6		
Total Standard Groupings	MAFS.3.MD.4.8	22
	MAFS.3.G.1.1	
		100

ASSESSMENT RESOURCES

PARTNERSHIP FOR ASSESSMENT OF READINESS FOR COLLEGE AND CAREERS (PARCC) PRACTICE TEST

WWW.PARCCONLINE.ORG/TAKE-THE-TEST

BOTH COMPUTER AND PAPER BASED
PRACTICE TESTS

The screenshot shows the PARCC website interface. At the top, the PARCC logo and name 'Partnership for Assessment of Readiness for College and Careers' are visible. A search bar and social media icons (Facebook, YouTube, Twitter, RSS) are on the right. A 'Stay informed!' section prompts users to enter their email. A navigation menu includes 'About PARCC', 'The PARCC Assessment', 'PARCC States', 'PARCC Resources', and 'News and Updates'. The main content area is titled 'Take the Test' and includes a sidebar with links like 'Field Test', 'Assessment System', and 'Sample Questions'. The main text provides instructions for taking the test, including a list of steps: '1 Before You Get Started: Do you have the right tools?' and '2 Take the Test'. It also lists resources for English Language Arts/Literacy and Mathematics practice tests, along with links for answer keys and accommodations.

ASSESSMENT RESOURCES

PARCC RESOURCES

WWW.PARCCONLINE.ORG

PRACTICE RESOURCES

The screenshot shows the PARCC website interface. At the top left is the PARCC logo and the text "Partnership for Assessment of Readiness for College and Careers". To the right is a search bar and a "Stay informed!" section with an email subscription form. Below this is a navigation menu with links for "About PARCC", "The PARCC Assessment", "PARCC States", "PARCC Resources", and "News and Updates". The main content area features a large banner for "THE PRACTICE TESTS" with the text "Try out PARCC items — take a practice test now!". Below the banner are several resource tiles: "Get 'PARCC Updates'" (missed newsletter), "Online Professional Learning" (new modules), "Parent Resources" (need information), and "Educator Resource Highlight" (Accessibility Manual). A "What's new" section on the right lists recent updates like "Item of the Week 2-5-15" and "Math PBA is Here". At the bottom, there are social media icons and contact information for the Careers Staff.

PARCC Partnership for Assessment of Readiness for College and Careers

Search

Stay informed! Keep up with what's happening at PARCC. Enter your email

About PARCC The PARCC Assessment PARCC States PARCC Resources News and Updates

THE PRACTICE TESTS
Try out PARCC items — take a practice test now!

Get "PARCC Updates"
Missed this month's PARCC Updates newsletter in your inbox? Check it out now!
Read more

Online Professional Learning
Learn about the PARCC assessments! Watch our new professional development modules.
Read more

Parent Resources
Parents — need information on the PARCC assessment? Visit our Parent resources.
Read more

Educator Resource Highlight
Check out the PARCC Accessibility Features and Accommodations Manual (Third Edition).
Read more

What's new

Item of the Week 2-5-15
Wednesday, February 4, 2015
One of the key shifts in the standards is the focus on development of academic vocabulary (words... >>

ELA ECV practice test is here
Wednesday, February 4, 2015
The PARCC states have released English language arts/literacy end-of-year practice tests for all... >>

Math PBA is Here
Friday, January 30, 2015
The PARCC states have released mathematics performance-based practice tests for all grade levels... >>

f YouTube t RSS

Careers Staff Contact
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PARTNERSHIP FOR ASSESSMENT OF READINESS FOR COLLEGE AND CAREERS
Phone 202.748.8100
Email: Questions@PARCConline.Org

ASSESSMENT RESOURCES

SMARTER BALANCED RESOURCES

WWW.SMARTERBALANCED.ORG

PRACTICE RESOURCES

The screenshot shows the Smarter Balanced Assessment Consortium website. At the top left is the logo with the text "Smarter Balanced Assessment Consortium". To the right are navigation links: "Home", "Contact Us", and "Member States Login". Below this is a "Stay Connected" section with a search bar containing the text "What are you looking for?" and a "Search" button. A horizontal menu contains the following items: "ABOUT", "SMARTER BALANCED ASSESSMENTS", "K-12 EDUCATION", "HIGHER EDUCATION", "PARENTS & STUDENTS", and "RESOURCES & EVENTS".

The main content area features a large banner for "Take the Practice Test" with the text: "Get an early look at English language arts/literacy and mathematics assessment questions aligned to the Common Core." and a "READ MORE" link. Below the banner is a "Latest News" section with three articles:

- Smarter Balanced States Approve Achievement Level Recommendations**: Members of the Smarter Balanced Assessment Consortium have voted to approve initial achievement levels for the mathematics and English language arts/literacy (ELA) assessments that will be administered in 17 states and one territory this school year. The vote marks an important milestone in the development of the assessment system. [READ THE PRESS RELEASE](#) [LEARN MORE ABOUT ACHIEVEMENT LEVELS](#)
- Smarter Balanced Hires Deputy Executive Director**: The Smarter Balanced Assessment Consortium (Smarter Balanced) has appointed Luci Willits as its deputy executive director. Willits joins the state-led consortium December 8. As deputy executive director, Willits will focus on strategy and state services, overseeing communications, policy, and partnerships with higher education. [LEARN MORE](#)
- Field Test Report Now Available**: A report on the Smarter Balanced Field Test is now available. This report presents results from state surveys given to students and adults in 13 Smarter Balanced member states. The Field Test or "test of the test" was administered in the spring of 2014 to more than 4.2 million students across the Consortium, and provided teachers and schools an opportunity to gauge their readiness in advance of the operational assessments in spring 2015. [LEARN MORE](#)

On the right side of the page, there is a "SMARTER EN ESPAÑOL" section with the text: "Aprenda más sobre las nuevas valoraciones designadas para ayudar a todos los estudiantes a graduarse de la preparatoria listos para la universidad y el empleo." and a "Más" link. Below that is a "School Years" section with the text: "Smarter Balanced assessments will be implemented in the 2014-15 school year. Click below to see what's happening and when." and a list of school years: 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, and 2014-2015 (which is selected). Below the list is a "What's Happening" section with the text: "Full implementation of the assessment system." and a "READ MORE" link.

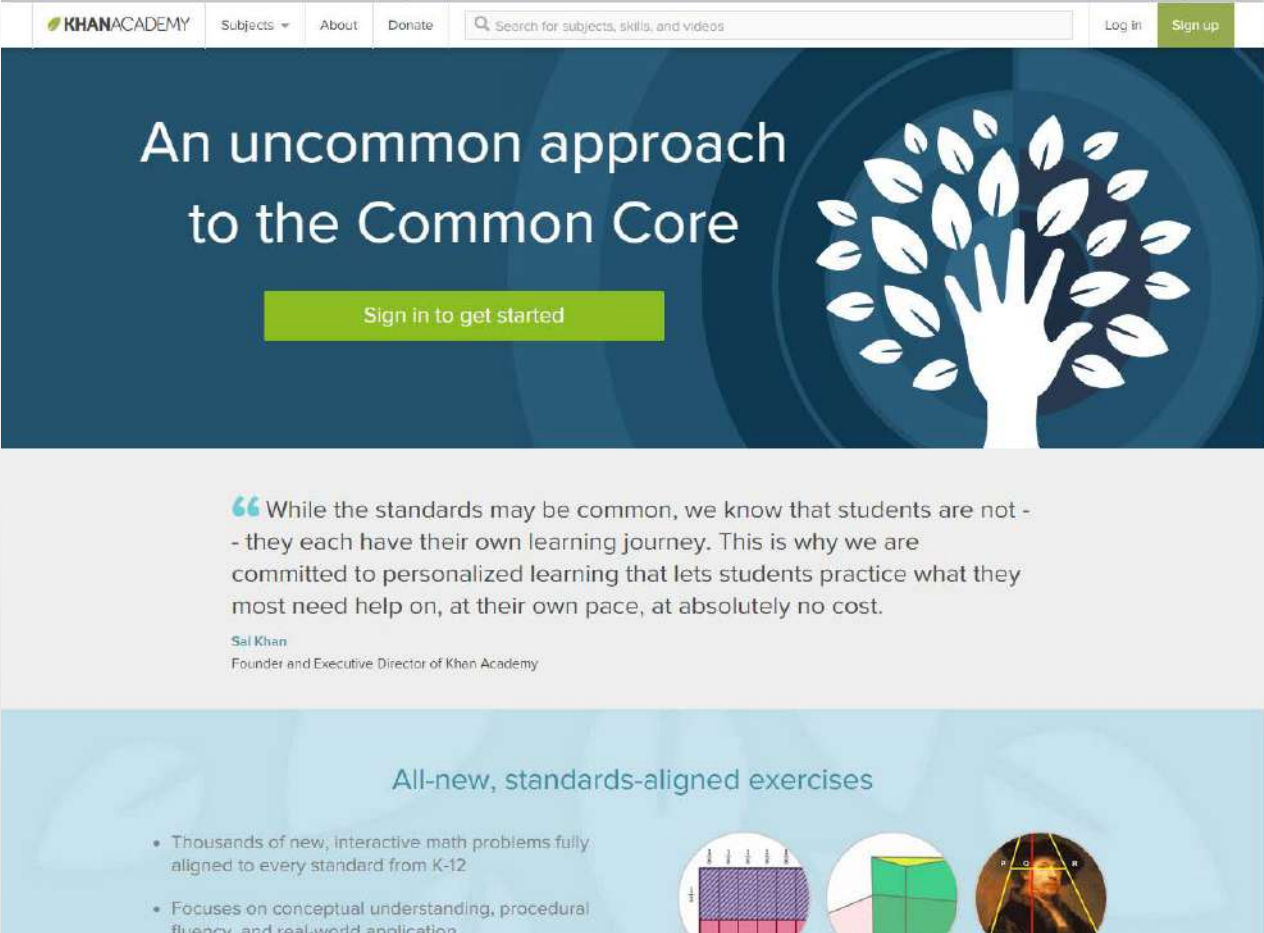
ASSESSMENT RESOURCES

KHAN ACADEMY CORE

WWW.KHANACADEMY.ORG/COMMONCORE/

QUESTIONS ALIGNED TO STANDARDS

TECHNOLOGY ENHANCED QUESTIONS



The screenshot shows the Khan Academy Common Core website. At the top, there is a navigation bar with the Khan Academy logo, links for "Subjects", "About", and "Donate", a search bar, and "Log in" and "Sign up" buttons. The main header features the text "An uncommon approach to the Common Core" and a "Sign in to get started" button. To the right is a graphic of a hand forming a tree. Below the header is a quote from Sal Khan, the founder and executive director of Khan Academy, stating: "While the standards may be common, we know that students are not - they each have their own learning journey. This is why we are committed to personalized learning that lets students practice what they most need help on, at their own pace, at absolutely no cost." Below the quote is a section titled "All-new, standards-aligned exercises" with two bullet points: "Thousands of new, interactive math problems fully aligned to every standard from K-12" and "Focuses on conceptual understanding, procedural fluency, and real-world application." Three circular icons illustrate mathematical concepts: a grid, a 3D cube, and a portrait of a man.

ASSESSMENT RESOURCES

TENMARKS

WWW.TENMARKS.COM

BOTH FREE AND FOR PURCHASE RESOURCES

CONTENT PRACTICE PROBLEMS AND
ASSESSMENT PROBLEMS

MATH CONTENT RESOURCES

MASTERY CONNECT

WWW.MASTERYCONNECT.COM

BOTH FREE AND FOR PURCHASE RESOURCES

CONTENT PRACTICE PROBLEMS AND
ASSESSMENT PROBLEMS

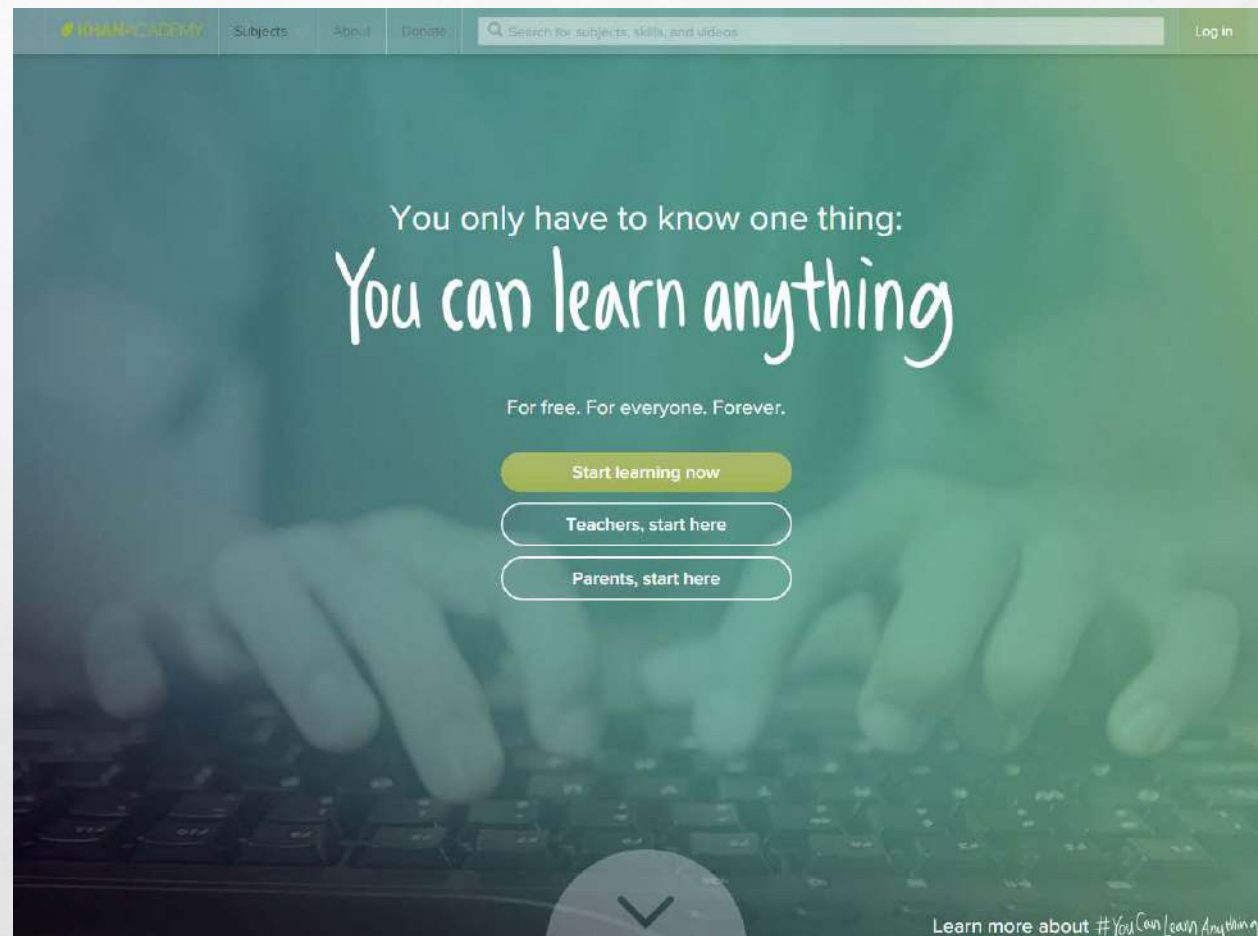
The screenshot shows the MasteryConnect website homepage. At the top, there is a navigation bar with the logo and links for Features, Plans & Pricing, Goodies, Webinars, Contact, and a LOGIN button. The main banner has a green background with the text "Identify Levels of Student Understanding... in Real Time." and a "JOIN FREE" button. To the right of the text is a video player thumbnail showing a cartoon character and a "PART II Resource Pins" badge. Below the banner, there is a section titled "POWERFUL, YET APPROACHABLE SOLUTION TO..." followed by a description: "Identify levels of understanding, target students for intervention, and improve learning and instruction." At the bottom, there are four icons representing different features: Mastery Tracking, Resource Pins, Assessment Grading, and Time-Saving Grading Tools.

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