

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



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?

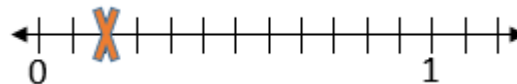
Justine is using the stickers below to decorate a picture frame.



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.

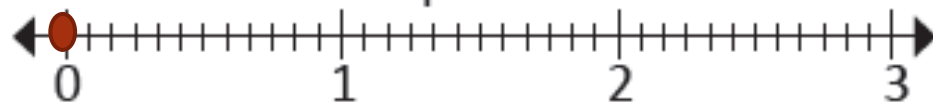


WHAT'S THE DIFFERENCE?

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

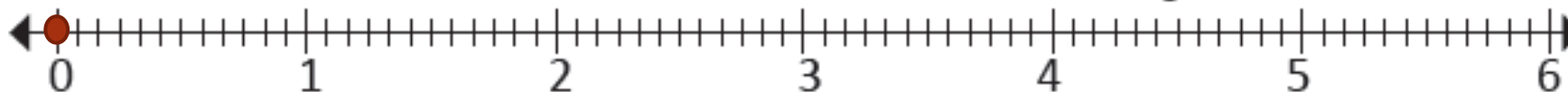
PART A: Ava created this number line to graph $\frac{3}{2}$.

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 $\frac{9}{6}$.

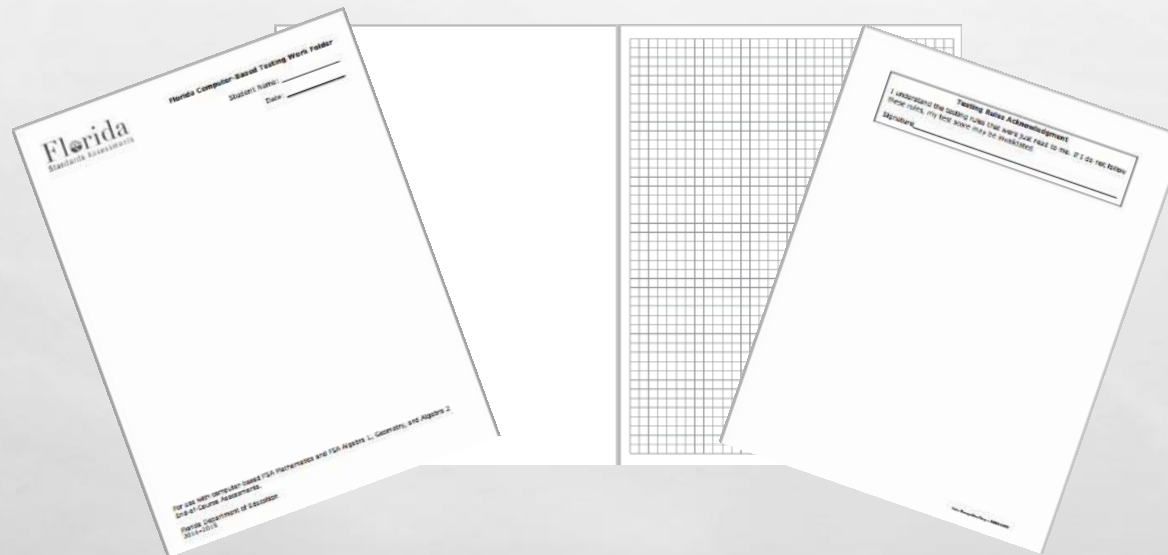
2015 FSA TESTING DATES

Grade level	Session Number	Date	Duration	Delivery method
3 rd and 4 th	1	March 26	80 minutes	Paper Based (PBT)
3 rd and 4 th	2	March 27	80 minutes	Paper Based (PBT)
5 th	1	April 13 or 16	80 minutes	Computer Based (CBT)
5 th	2	April 14 or 17	80 minutes	Computer Based (CBT)

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

2015 FSA INFORMATION

- **STUDENTS TAKING A PBT WILL BE PERMITTED TO WRITE ON THE TEST.**
- **STUDENTS TAKING THE CBT WILL BE GIVEN A WORK FOLDER.**



QUESTION TYPES GRADES 3 AND 4

Choose the best answer from the answer choices, and fill in one bubble for the correct answer.

MULTIPLE CHOICE

What is 78 rounded to the nearest ten?

☐ (A) 70

☐ (B) 75

☒ (C) 80

☐ (D) 100

QUESTION TYPES GRADES 3 AND 4

Choose more than one correct answer from the answer choices, and fill in the bubbles for more than one correct answer. Be sure to read the item carefully to know how many correct answers to choose.

MULTISELECT

Select all the expressions that have the same value as $30 \div 10$.

- ☒ 1×3
- ☐ $10 \div 30$
- ☐ 30×10
- ☒ $30 \div 10 \div 1$
- ☐ $30 \div (2 \div 5)$
- ☒ $(30 \div 2) \div 5$

QUESTION TYPES GRADES 3 AND 4

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 GRADE 5

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 5

Juan has two pictures on his desk.

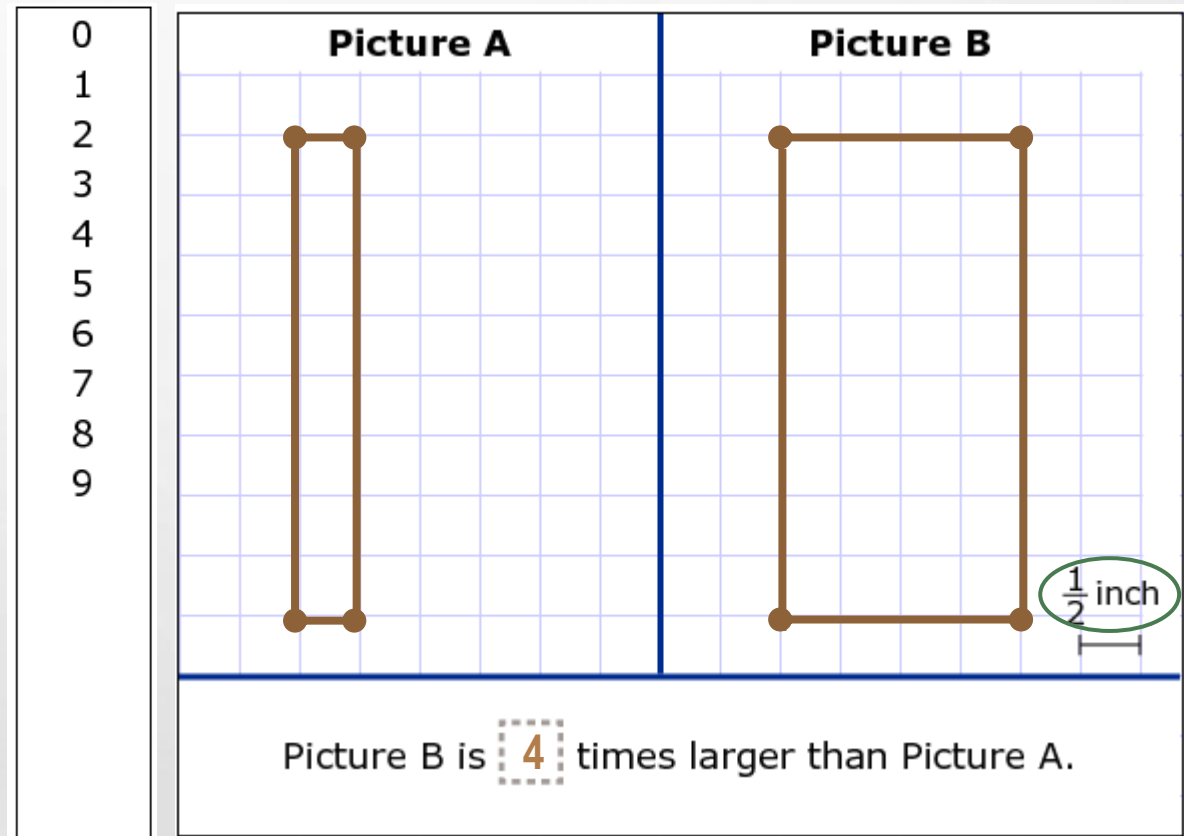
The measurements are as follows:

- 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.



TECHNOLOGY - ENHANCED ITEMS GRADE 5

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 5

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	()
---	---	---------------------------	-------------------	----

REFERENCE SHEETS

Conversion table provided for Grades 4 and 5

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 4

Formulas

$$A = lw$$

$$P = 2l + 2w$$

Grade 5

Formulas will be embedded in the problems. Students will need to know how to calculate the volume of a rectangular prism.

No reference sheet for Grade 3

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 header includes navigation links: Home, Users, Resources, Announcements, Email Alerts, Register, and Settings. The main content area is divided into several sections. On the left, there are five boxes with icons and text: 'Test Administrators', 'District Assessment Coordinators', 'School Assessment Coordinators', 'Students and Parents', and 'Educators'. Below these are two more boxes: 'Technology Coordinators' and 'Technology Coordinators'. The central section is titled 'Recent Announcements' and contains a list of updates, including information about the 2014-2015 Assessment Accommodations, the FSA Training Test Site, and the Florida Standards Assessments System Requirements for Online Testing. The right section is titled 'Welcome!' and provides information about the portal, including links to the FDOE website, a secure browser, resources, and training tests. The footer includes a Twitter link and a contact link.

Home Users Resources Announcements Email Alerts Register Settings

Florida
Standards Assessments

Test Administrators

District Assessment Coordinators

School Assessment Coordinators

Students and Parents

Educators

Technology Coordinators

Recent Announcements

- 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

Welcome!

This portal is your source for information about the Florida Standards Assessments.

For information about FCAT 2.0 or NGSSS EOC Assessments, please visit <http://www.fldoe.org/accountability/assessments/k-12-student-assessment>.

For more information about Florida standards, course descriptions, and standard resources, please visit www.cpalms.org.

Visit FDOE

Secure Browser

Resources

Training Tests

FDOE on Twitter
Tweets by @EducationFL

[About This Site](#) | [Contact Us](#)

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



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:

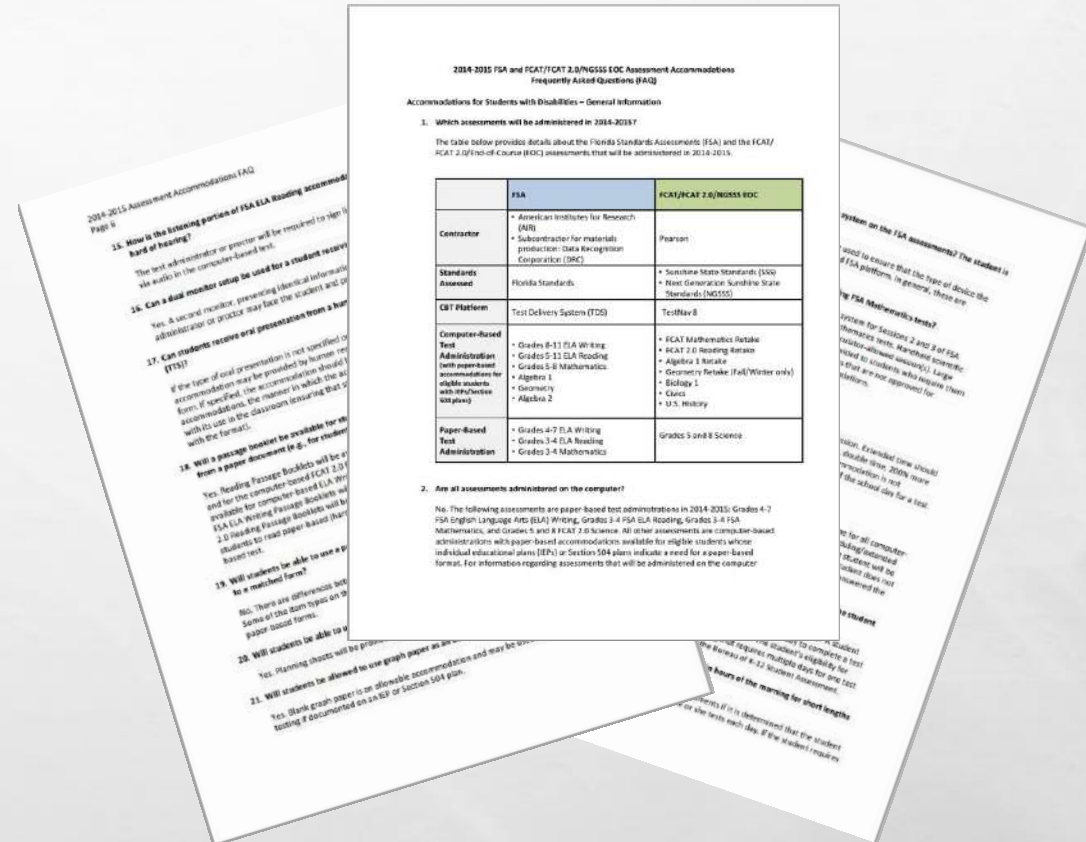
- Writing
 - Grades 4-5 FSA ELA
 - Grades 6-8 FSA ELA
 - Grades 9-11 FSA ELA
- Reading, Language, and Listening
 - Grades 3-5 FSA ELA
 - Grades 6-8 FSA ELA
 - Grades 9-11 FSA ELA
- Mathematics
 - Grades 3-4 FSA
 - Grades 5-6 FSA
 - Grades 7-8 FSA
 - FSA EOC

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

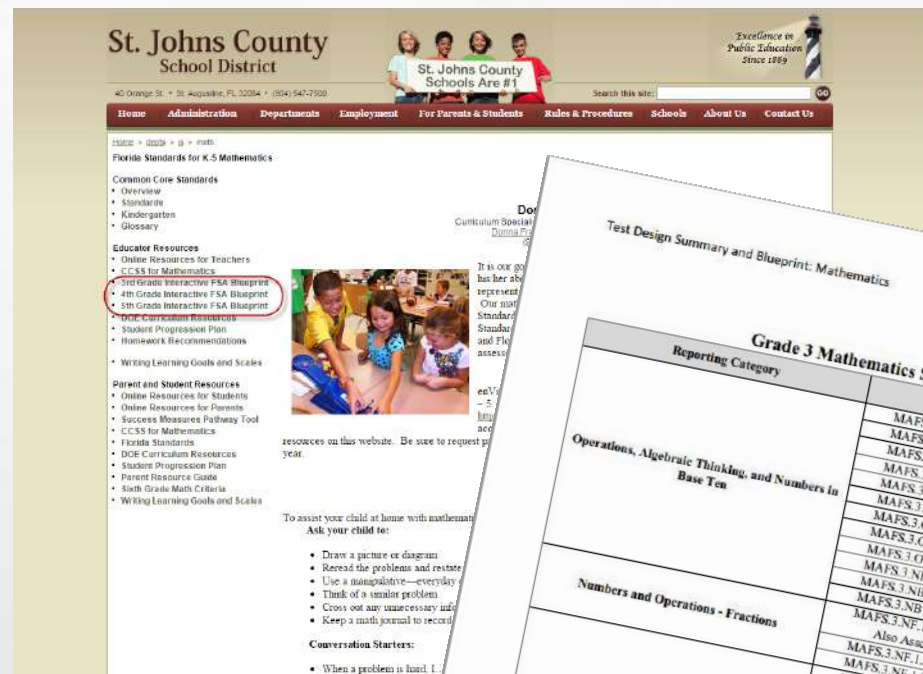


FSA BLUEPRINTS

[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



Curriculum Specialist
Dorinda P.

It is our goal
to have all
represent
Our state
Standard
Standards
and the
assessment

revised
- 5
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acc

Be sure to request p

with mathematics

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Test Design Summary and Blueprint: Mathematics

Florida
Standards Assessments

Grade 3 Mathematics Standard Coverage

Reporting Category	Standard Coverage	% 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	
	MAFS.3.NF.1.1	
	Also Assesses MAFS.3.G.1.2	
	MAFS.3.NF.1.2	
Measurement, Data, and Geometry	MAFS.3.NF.1.3	35
	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 displays 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 links (Facebook, YouTube, Twitter, RSS) are on the right. A 'Stay informed!' section prompts users to enter their email. Below the header, a navigation bar includes links for 'About PARCC', 'The PARCC Assessment', 'PARCC States', 'PARCC Resources', and 'News and Updates'. The main content area is titled 'Home - The PARCC Assessment' and features a 'Take the Test' section. This section includes links for 'Printer-friendly version' and 'PDF version'. It contains two main parts: '1 Before You Get Started: Do you have the right tools?' and '2 Take the Test'. The first part lists three bullet points: 'Make sure you have the right device and browser', 'Take the quick tutorial', and 'Try out a paper practice tests'. The second part lists links for 'English Language Arts/Literacy Practice Tests' and 'Mathematics Practice Tests', each with sub-links for online and paper practice tests and answer keys. At the bottom, there are links for 'All practice tests, grades 3 through 11' and 'Schedule of accommodated practice tests'.

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 PARCC ASSESSMENT

Take the Test

Take the Test: A Different Kind of Test

Take the Test: Frequently Asked Questions

Field Test

Assessment System

Sample Questions

Implementation

Technology

Cost

Policies and Guidance

Research and Development

Contracts & Procurement

f YouTube t RSS

Home - The PARCC Assessment -

Take the Test

Printer-friendly version PDF version

1 Before You Get Started: Do you have the right tools?

The PARCC tests are administered online, although paper-and-pencil versions will be available for schools that are not ready for the computer-based version.

- Make sure you have the right device and browser. The tests work on many devices, but not all.
- Take the quick tutorial. Before you take one of the tests, see how to navigate through the test questions.
- Try out a paper practice tests. If you want to try the paper-based version of the test, all you need is the ability to view or print PDF files.

2 Take the Test

Try one of the practice tests below or any of the practice tests in grades 3 through 11, including Braille and large print. Be sure to look at the right answer key - online or paper, depending on which version you try.

English Language Arts/Literacy Practice Tests

- Grade 7 online practice tests | Online practice test answer key
- Grade 7 paper practice tests | Paper practice test answer key

Mathematics Practice Tests

- Grade 4 online practice tests | Online practice test answer key
- Grade 4 paper practice tests | Paper practice test answer key

All practice tests, grades 3 through 11

All practice test answer keys, grades 3 through 11

Schedule of accommodated practice tests - including large print, screen reader accessible, Braille and Spanish

FEATURED RESOURCES

PARCC Publishes FAQs and Glossary >>

PARCC Accessibility Features and Accommodations Manual >>

LATEST NEWS

Item of the Week 2-5-15 >>

ELA EOY practice test is here >>

Math PBA is Here >>

ASSESSMENT RESOURCES

PARCC RESOURCES

WWW.PARCCONLINE.ORG

PRACTICE RESOURCES

The screenshot shows the PARCC website with the following elements:

- Header:** PARCC logo and "Partnership for Assessment of Readiness for College and Careers".
- Navigation:** About PARCC, The PARCC Assessment, PARCC States, PARCC Resources, News and Updates.
- Search and Social:** Search bar, Facebook, YouTube, Twitter, and RSS icons.
- Stay informed!:** Email subscription box.
- Main Content Area:**
 - THE PRACTICE TESTS:** "Try out PARCC items — take a practice test now!"
 - 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 (word...)"
 - ELA EOY 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..."
 - 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"

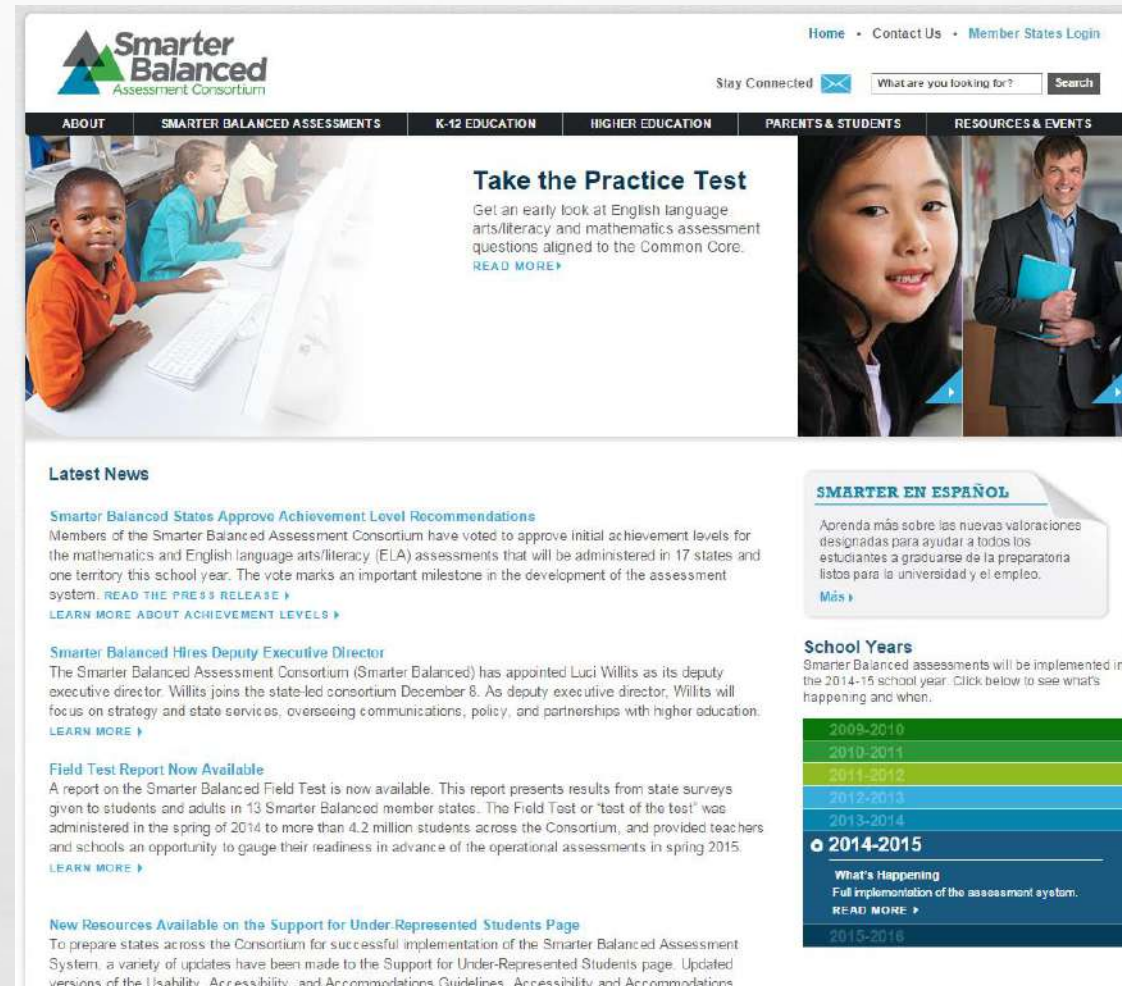
Footer: Social media icons, Careers Staff Contact, Copyright © 2015. All rights reserved. PARTNERSHIP FOR ASSESSMENT OF READINESS FOR COLLEGE AND CAREERS. Phone 202.748.8100. Email: Questions@PARCCOnline.Org

ASSESSMENT RESOURCES

SMARTER BALANCED RESOURCES

WWW.SMARTERBALANCED.ORG

PRACTICE RESOURCES



The screenshot shows the Smarter Balanced Assessment Consortium website. At the top, there is a navigation bar with links for Home, Contact Us, and Member States Login. Below this is a search bar and a 'Stay Connected' button. The main content area features a large banner with the text 'Take the Practice Test' and a description of the assessment questions. To the right of the banner are two images: a young girl and a man holding a folder. Below the banner is a 'Latest News' section with three articles: 'Smarter Balanced States Approve Achievement Level Recommendations', 'Smarter Balanced Hires Deputy Executive Director', and 'Field Test Report Now Available'. To the right of the news section is a 'SMARTER EN ESPAÑOL' section with a link to 'Más'. Below that is a 'School Years' section with a list of school years from 2009-2010 to 2015-2016, with 2014-2015 highlighted. A 'What's Happening' section is also visible at the bottom right.

Home • Contact Us • Member States Login

Stay Connected [Email Icon] What are you looking for? [Search]

ABOUT SMARTER BALANCED ASSESSMENTS K-12 EDUCATION HIGHER EDUCATION PARENTS & STUDENTS RESOURCES & EVENTS

Take the Practice Test

Get an early look at English language arts/literacy and mathematics assessment questions aligned to the Common Core.
[READ MORE ▶](#)

Latest News

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 ▶](#)

New Resources Available on the Support for Under-Represented Students Page
To prepare states across the Consortium for successful implementation of the Smarter Balanced Assessment System, a variety of updates have been made to the Support for Under-Represented Students page. Updated versions of the Usability, Accessibility, and Accommodations Guidelines, Accessibility and Accommodations

SMARTER EN ESPAÑOL

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.
[Más ▶](#)

School Years

Smarter Balanced assessments will be implemented in the 2014-15 school year. Click below to see what's happening and when.

- 2009-2010
- 2010-2011
- 2011-2012
- 2012-2013
- 2013-2014
- 2014-2015**
- 2015-2016

What's Happening
Full implementation of the assessment system.
[READ MORE ▶](#)

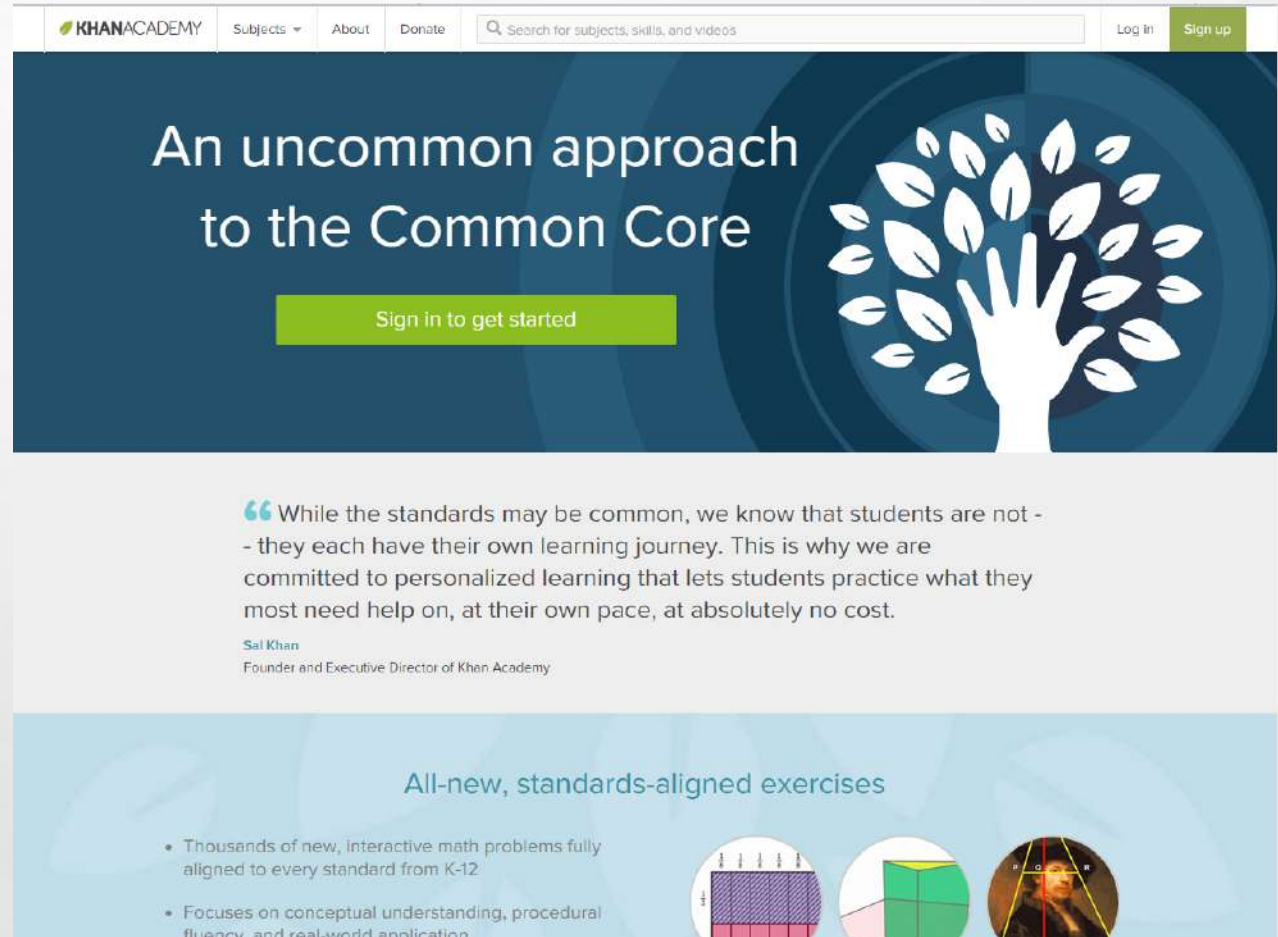
ASSESSMENT RESOURCES

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 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 banner features the text "An uncommon approach to the Common Core" and a "Sign in to get started" button, with a graphic of a hand as a tree. Below the banner is a quote from Sal Khan about personalized learning. At the bottom, a section titled "All-new, standards-aligned exercises" lists two bullet points and includes three small circular images: a math grid, a 3D cube, and a portrait of a historical figure.

KHANACADEMY

Subjects About Donate

Search for subjects, skills, and videos

Log in Sign up

An uncommon approach to the Common Core

Sign in to get started

“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.”

Sal Khan
Founder and Executive Director of Khan Academy

All-new, standards-aligned exercises

- Thousands of new, interactive math problems fully aligned to every standard from K-12
- Focuses on conceptual understanding, procedural fluency, and real-world application

ASSESSMENT RESOURCES

TENMARKS

WWW.TENMARKS.COM

BOTH FREE AND FOR PURCHASE RESOURCES

**CONTENT PRACTICE PROBLEMS AND
ASSESSMENT PROBLEMS**

The screenshot shows the TenMarks website homepage. At the top, there is a navigation bar with a 'Login' link and a 'SIGN UP' button. The TenMarks logo, featuring a circled '10/10' and the text 'TENMARKS an amazon company', is in the top left. Navigation links for 'How it Works', 'Curriculum', 'Pricing', and 'About' are in the top right. The main banner features a teacher and two students looking at a computer screen. The text on the banner reads: 'Power a New Generation of Math Learners', 'Support Classroom Instruction', 'Practice • Instruction • Intervention', 'Assessment • Differentiation', and a 'Free Teacher Sign Up' button. A 'MATH MADNESS MIM 2015' badge is in the top right corner of the banner, stating 'IS COMING! MARCH 2-APRIL 12' with a 'Learn More' link. Below the banner, the TenMarks Math logo is shown, followed by the text 'TenMarks Math' and a description: 'Reinforces classroom instruction and builds deep conceptual understanding and procedural fluency. Free for the entire school year. Sign up today.'

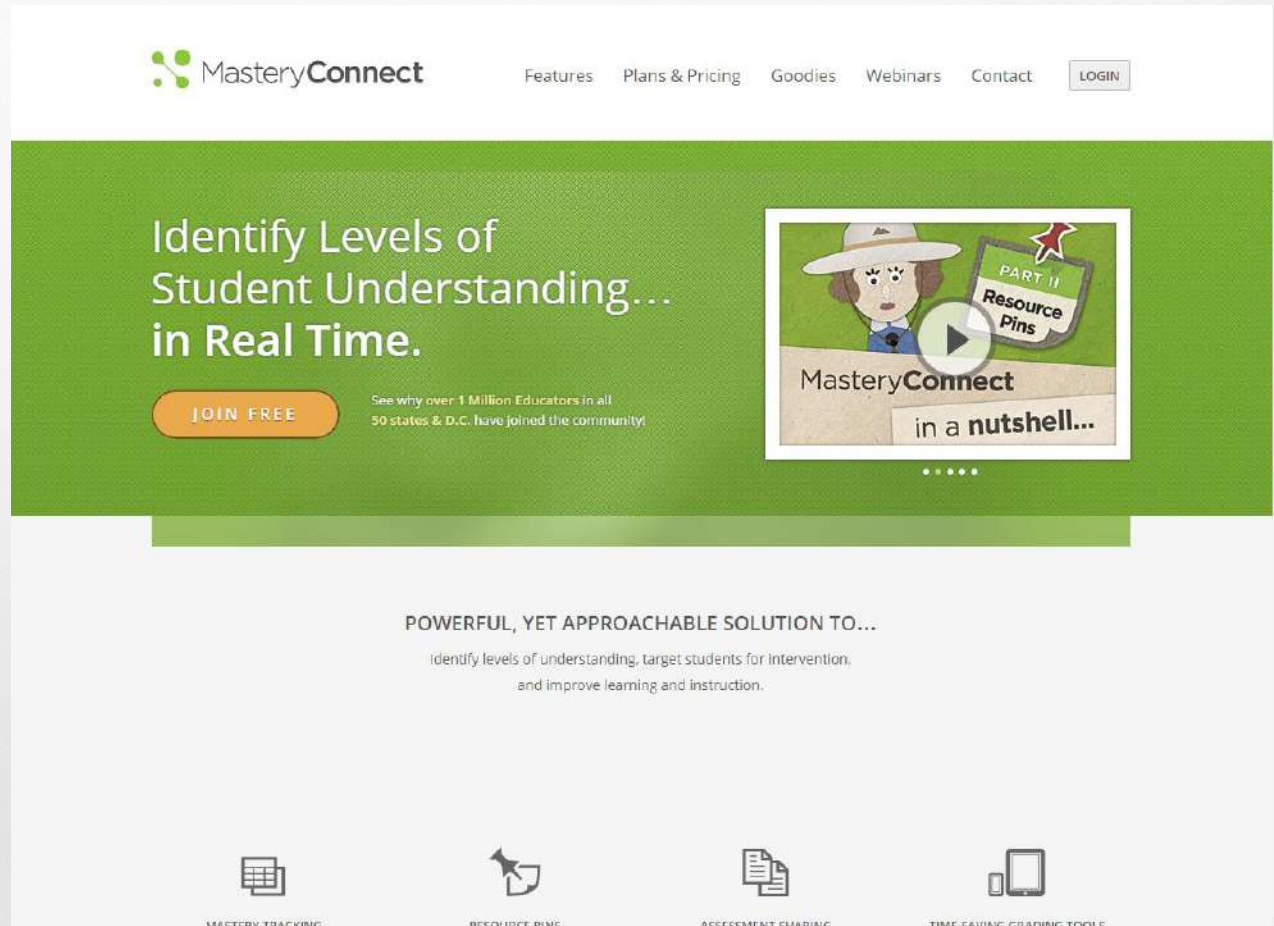
MATH CONTENT RESOURCES

MASTERY CONNECT

WWW.MASTERYCONNECT.COM

BOTH FREE AND FOR PURCHASE RESOURCES

**CONTENT PRACTICE PROBLEMS AND
ASSESSMENT PROBLEMS**



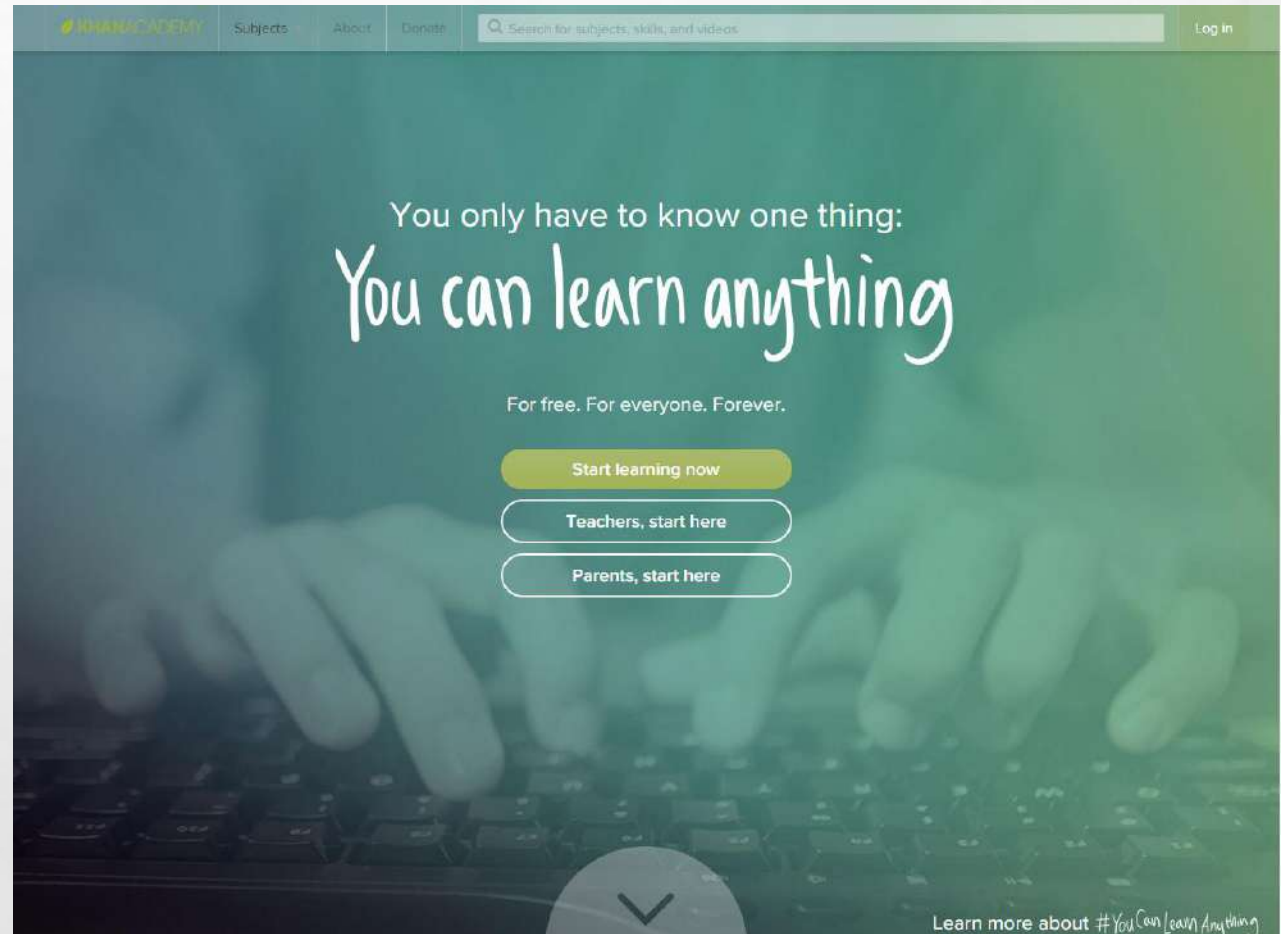
The screenshot shows the MasteryConnect website homepage. At the top, the logo "MasteryConnect" is on the left, and navigation links "Features", "Plans & Pricing", "Goodies", "Webinars", "Contact", and a "LOGIN" button are on the right. The main banner has a green background with the text "Identify Levels of Student Understanding... in Real Time." and a "JOIN FREE" button. Below the button, it says "See why over 1 Million Educators in all 50 states & D.C. have joined the community." To the right of the text is a video player showing a cartoon teacher and a sign that says "PART II Resource Pins" and "MasteryConnect in a nutshell...". Below the banner, the text "POWERFUL, YET APPROACHABLE SOLUTION TO..." is followed by "Identify levels of understanding, target students for intervention, and improve learning and instruction." At the bottom, there are four icons with labels: "MASTERY TRACKING", "DETAILED PINS", "ASSESSMENT GRADING", and "TIME SAVING GRADING TOOLS".

MATH CONTENT RESOURCES

KHAN ACADEMY

[WWW.KHANACADEMY.ORG](https://www.khanacademy.org)

FREE VIDEO TUTORIALS



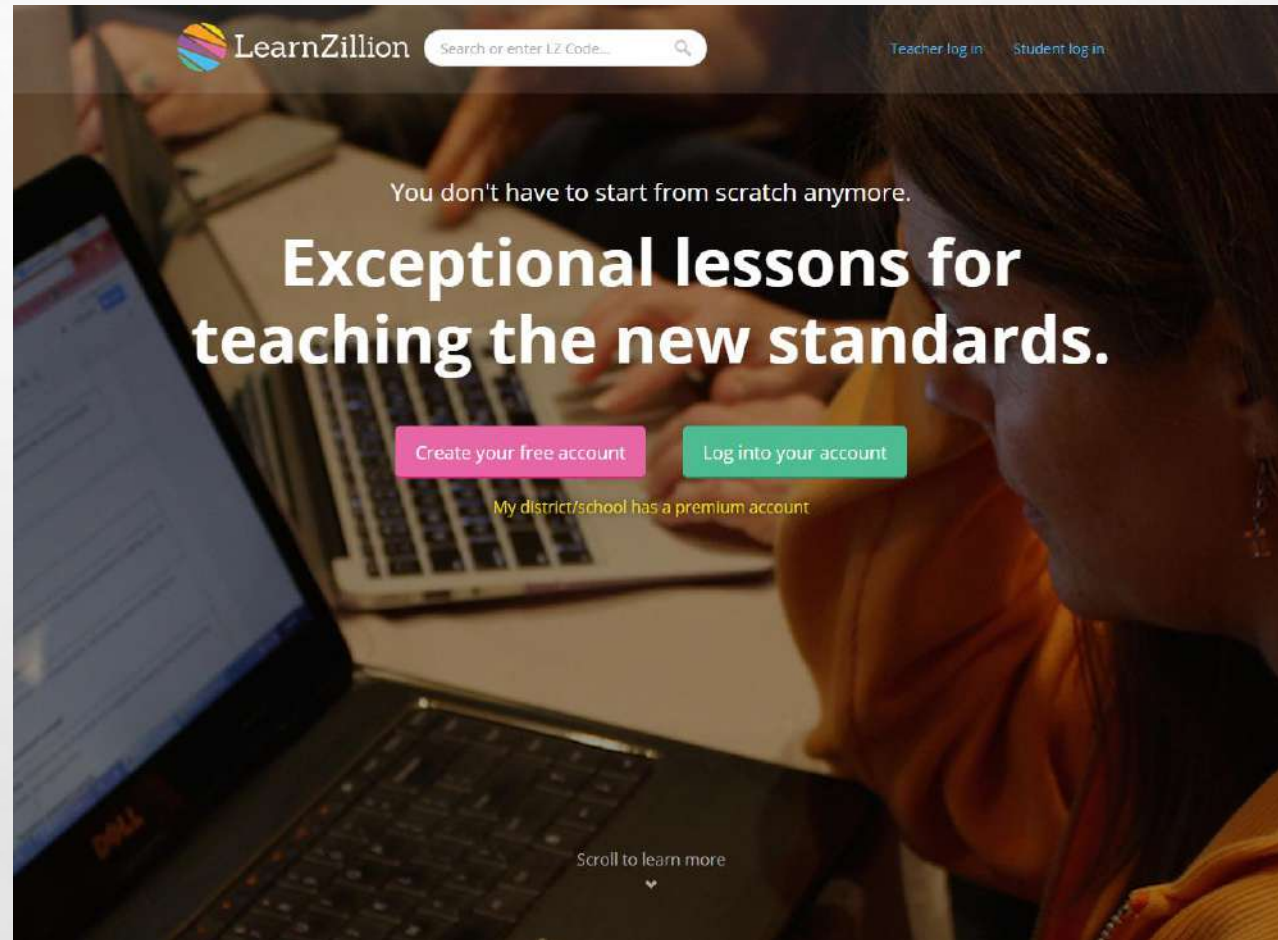
MATH CONTENT RESOURCES

LEARN ZILLION

[LEARNZILLION.COM](https://www.learnzillion.com)

VIDEOS AND TUTORIALS

LESSONS AND PRACTICE



MATH CONTENT RESOURCES

DISTRICT SUPPORT PERSONNEL

DONNA FRANK

ELEMENTARY MATHEMATICS SPECIALIST

(904) 547 - 7745

DONNA.FRANK@STJOHNS.K12.FL.US

KIM WUELLNER

COORDINATOR K – 12 MATHEMATICS

(904) 547 - 7539

KIM.WUELLNER@STJOHNS.K12.FL.US