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

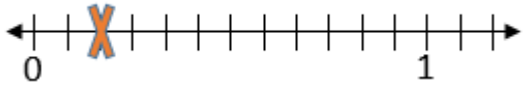
WHAT'S THE DIFFERENCE?

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.

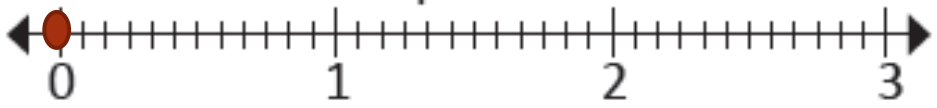


WHAT'S THE DIFFERENCE?

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

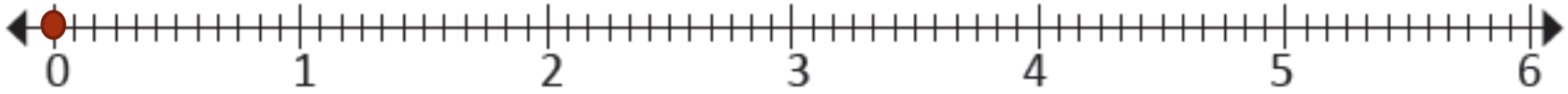
PART A: Ava created this number line to graph $\frac{3}{2}$.

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 $\frac{5}{6}$. $\frac{7}{6}$

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 $\frac{9}{6}$.

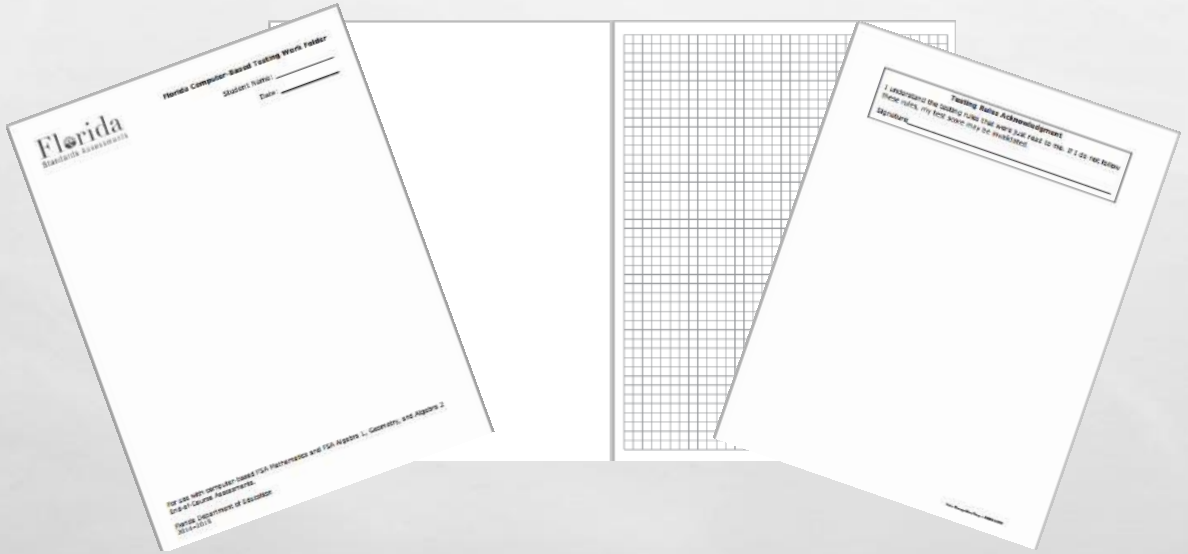
2015 FSA TESTING DATES

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

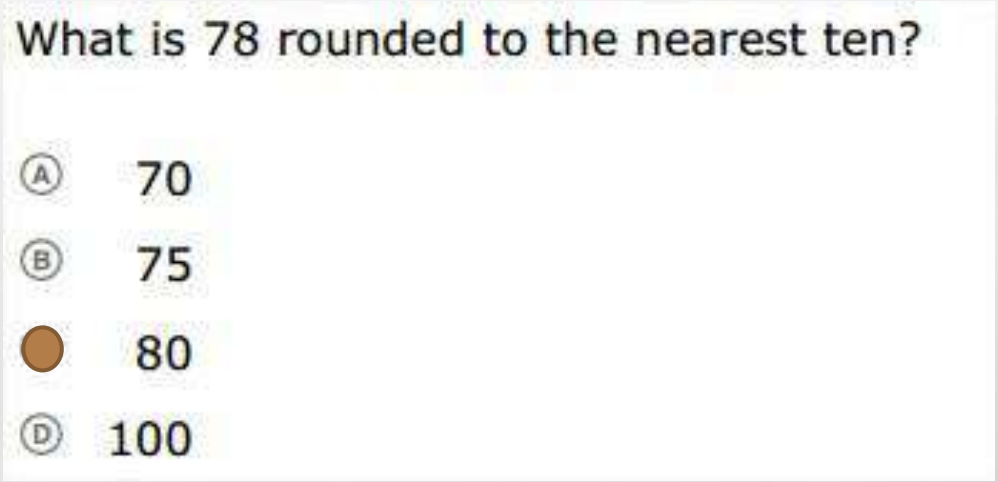
- STUDENTS TAKING A PBT WILL BE PERMITTED TO WRITE ON THE TEST.
- STUDENTS TAKING THE CBT WILL BE GIVEN A WORK FOLDER.



QUESTION TYPES GRADES 3 AND 4

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

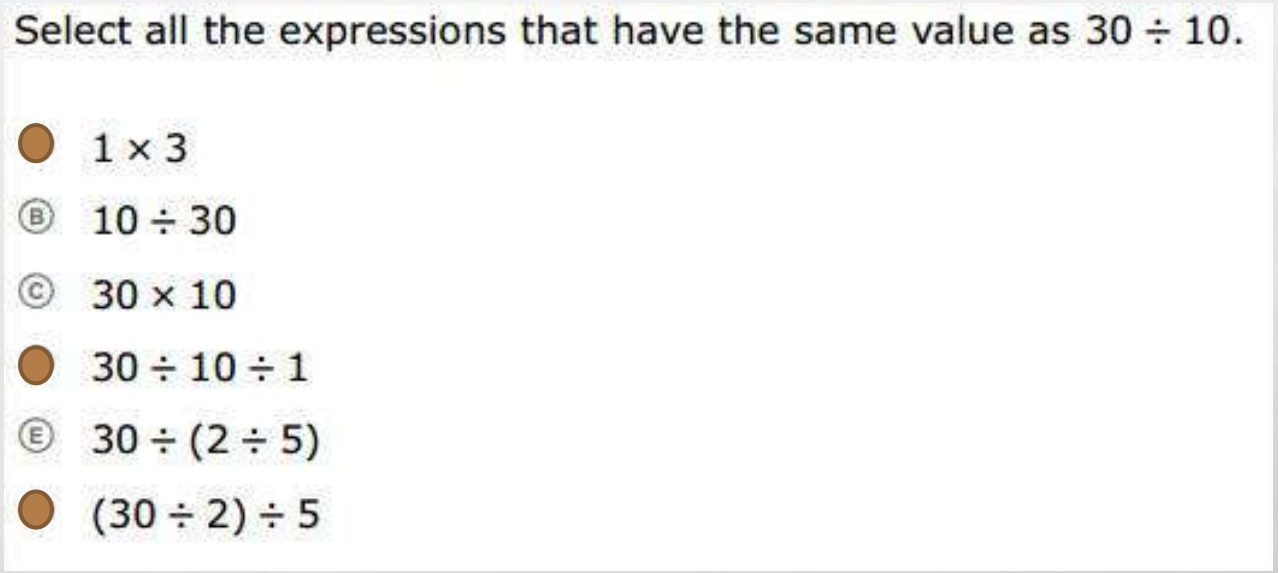
MULTIPLE CHOICE



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



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.

$f = 48 \times 28$ 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:

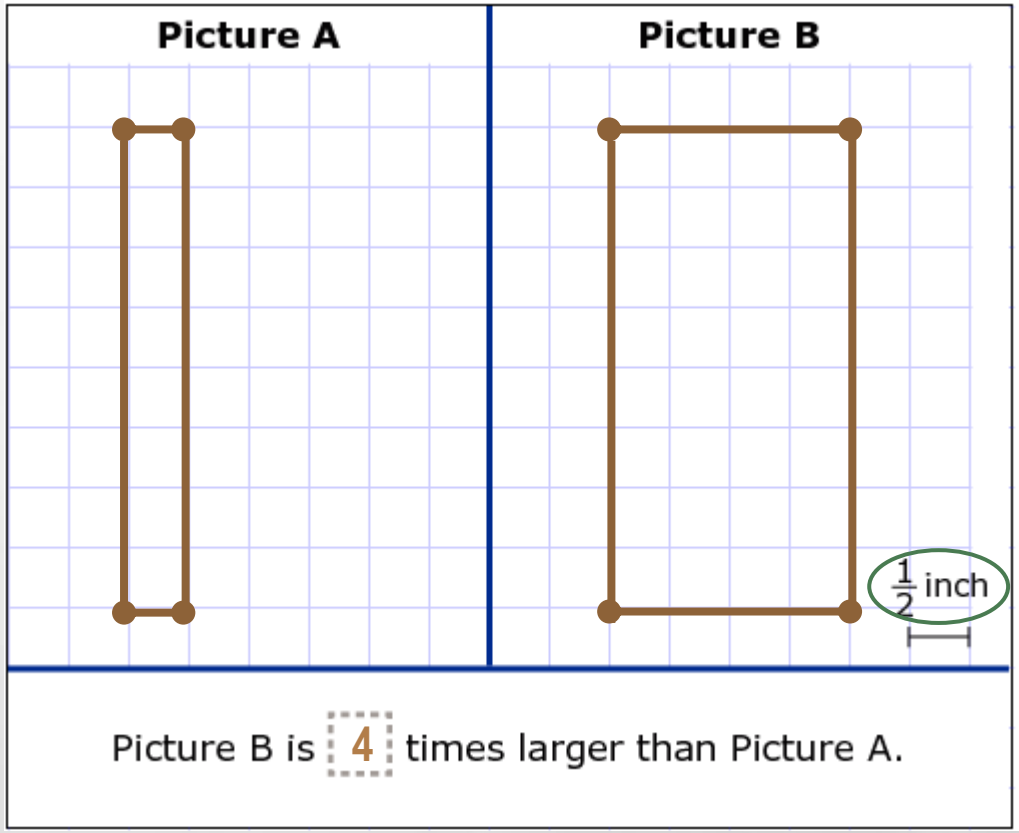
- Picture A: 4 inches by $\frac{1}{2}$ inch
- Picture B: 4 inches by 2 inches

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.

0
1
2
3
4
5
6
7
8
9



TECHNOLOGY - ENHANCED ITEMS GRADE 5

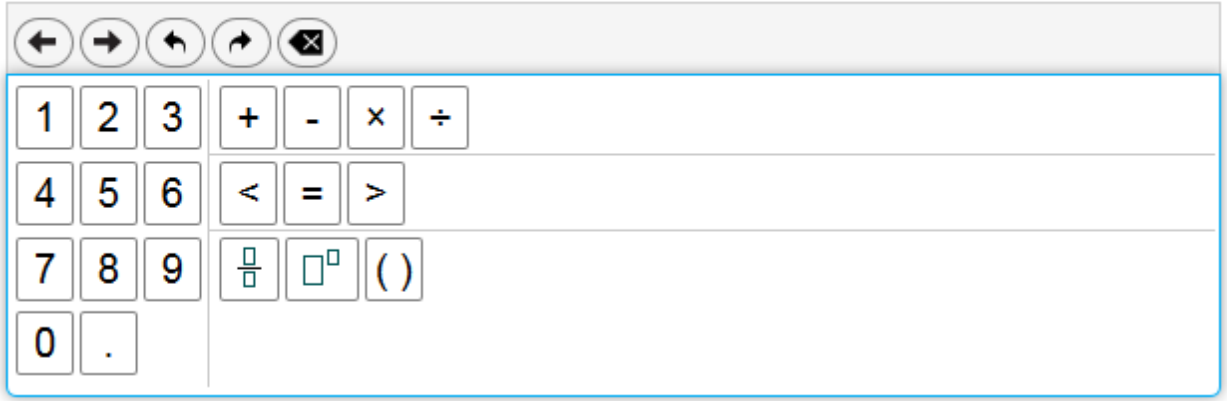
Two fractions with different denominators have a sum of $\frac{7}{12}$.

What are two possible addends that result in this sum?

Enter each answer on a separate line.

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

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



TECHNOLOGY - ENHANCED ITEMS GRADE 5

A table is shown.

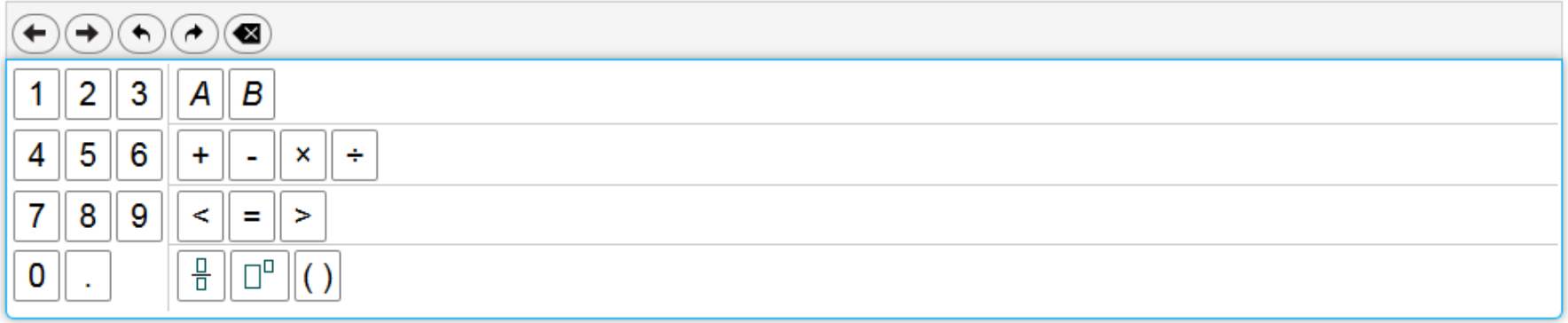
Pattern A	5	7	9	11	13	15
Pattern B	15	17	19	21	23	25

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

Enter each equation on a separate line.

$A + 10 = B$

$B - 10 = A$



REFERENCE SHEETS

Conversion table provided for Grades 4 and 5

Customary Conversions	Metric Conversions	Time Conversions
1 foot = 12 inches	1 meter = 100 centimeters	1 minute = 60 seconds
1 yard = 3 feet	1 meter = 1000 millimeters	1 hour = 60 minutes
1 mile = 5,280 feet	1 kilometer = 1000 meters	1 day = 24 hours
1 mile = 1,760 yards		1 year = 365 days
	1 liter = 1000 milliliters	1 year = 52 weeks
1 cup = 8 fluid ounces		
1 pint = 2 cups	1 gram = 1000 milligrams	
1 quart = 2 pints	1 kilogram = 1000 grams	
1 gallon = 4 quarts		
1 pound = 16 ounces		
1 ton = 2,000 pounds		

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

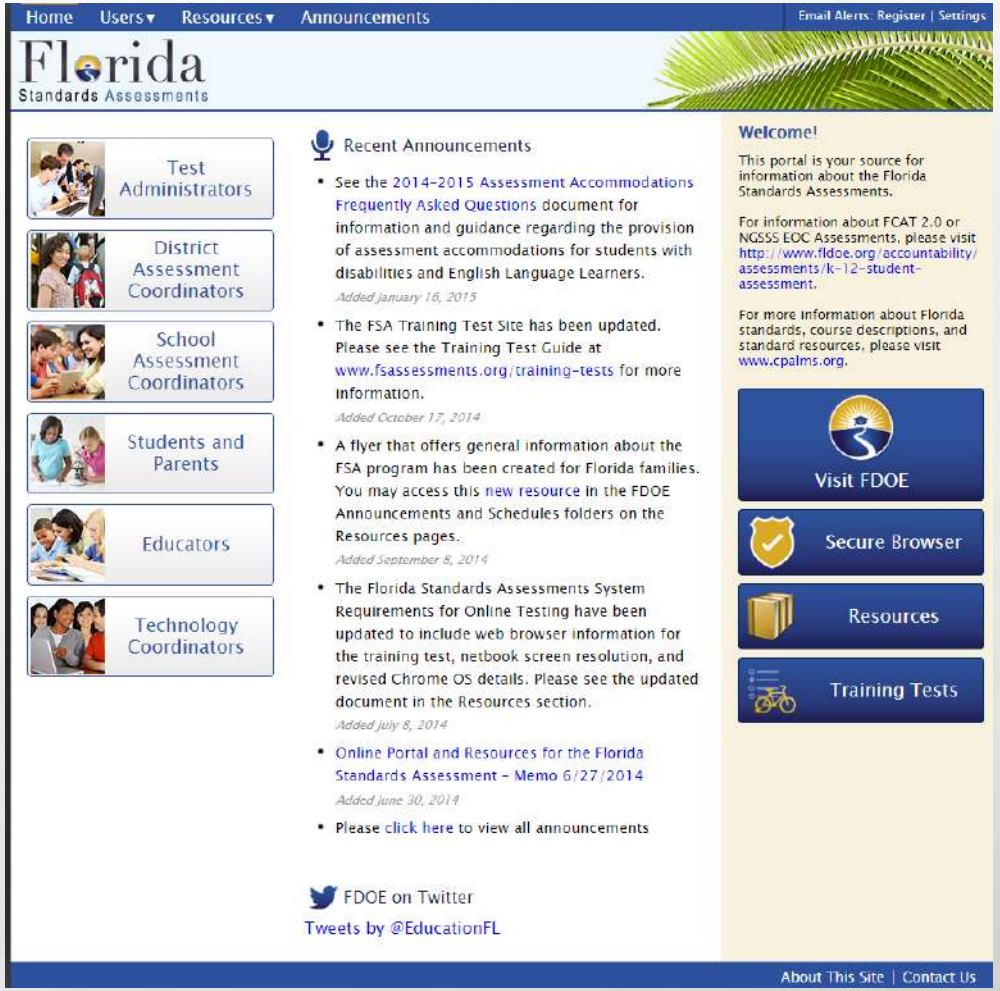
ALL FSA INFORMATION AND UPDATES

STUDENTS AND PARENTS RESOURCES

PRACTICE TESTS

TEST DESIGN AND ITEM SPECIFICATIONS

USE CHROME OR FIREFOX



ASSESSMENT RESOURCES

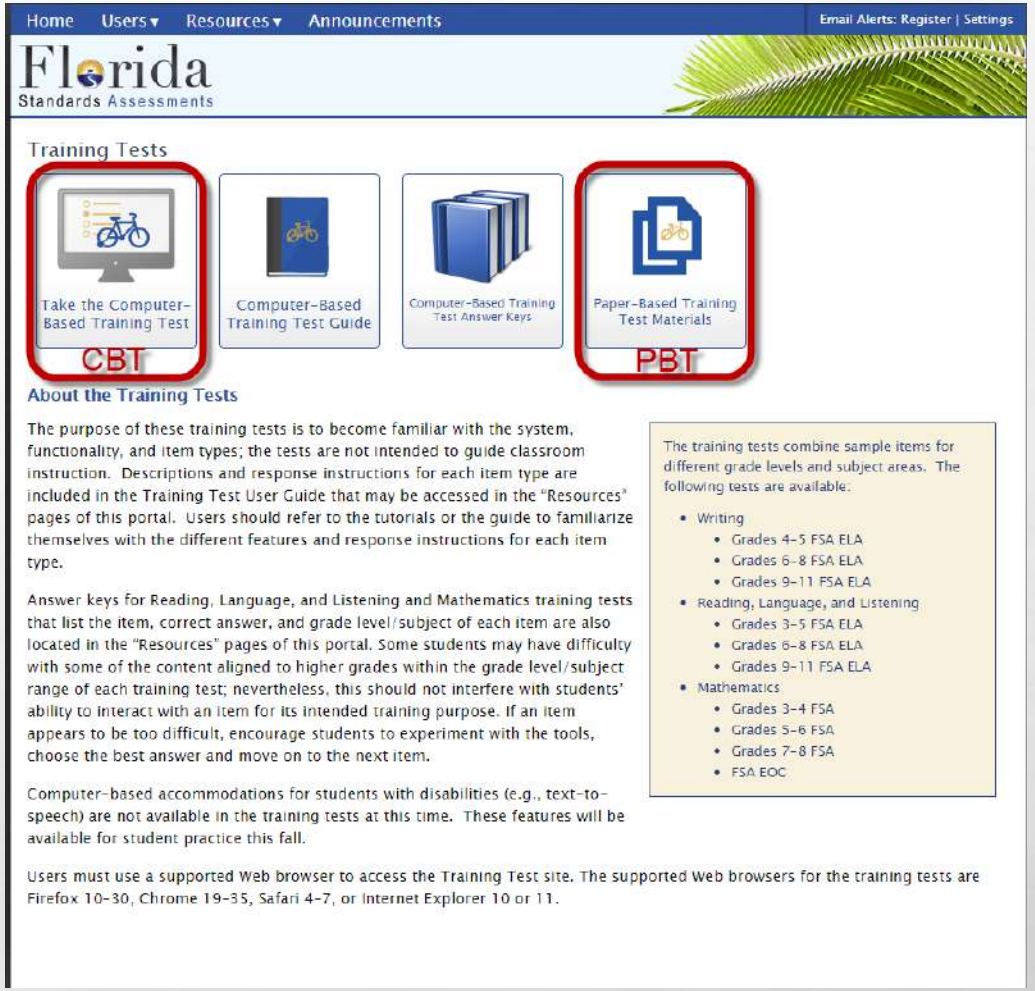
FSA TRAINING TESTS

HTTP://WWW.FSASSESSMENTS.ORG/TRAINING-TESTS

COMPUTER BASED TEST (CBT)

PAPER – BASED TEST (PBT)

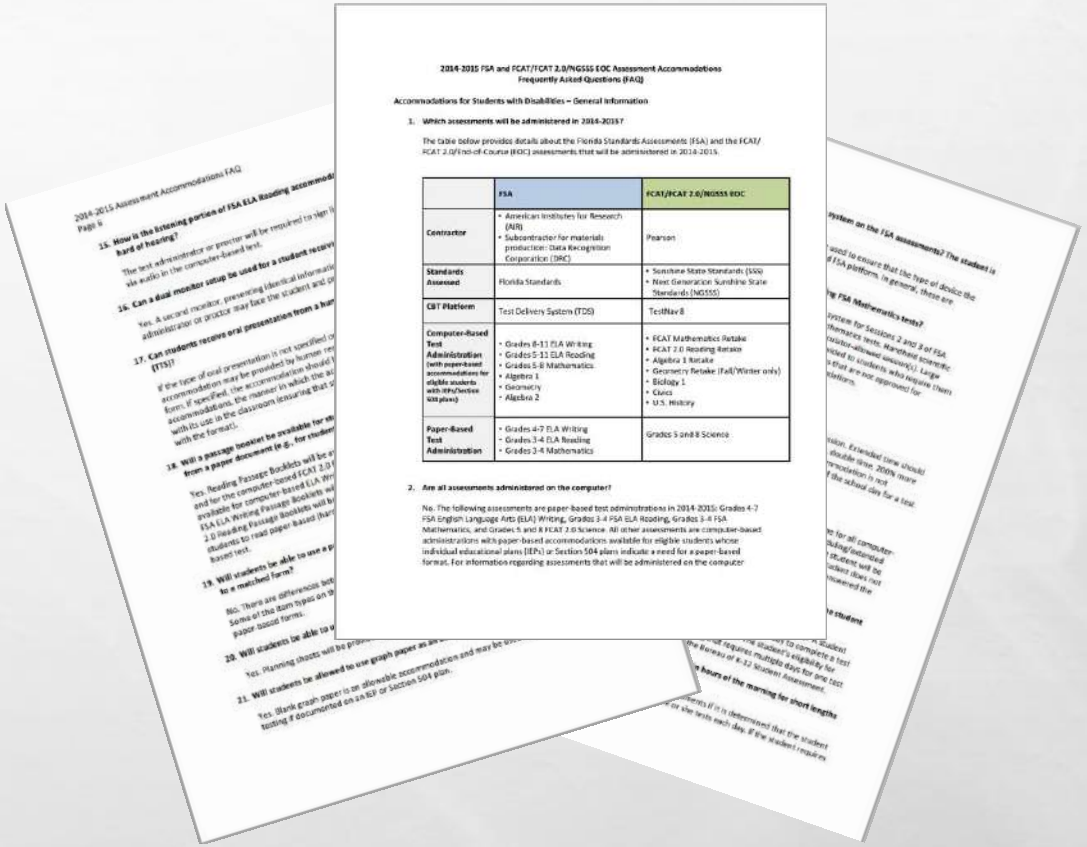
USE CHROME **OR FIREFOX**



ASSESSMENT RESOURCES

FLORIDA STANDARDS ASSESSMENTS FAQ

HTTP://FSASSESSMENTS.ORG/WP-CONTENT/UPLOADS/2015/01/2014-2015-ASSESSMENT-ACCOMMODATIONS-FAQ.PDF



2014-2015 FSA and FCAT/FCAT 2.0/NGSSS EOC Assessment Accommodations
Frequently Asked Questions (FAQ)

Accommodations for Students with Disabilities – General Information

1. Which assessments will be administered in 2014-2015?

The table below provides details about the Florida Standards Assessments (FSA) and the FCAT/FCAT 2.0/End-of-Course (EOC) assessments that will be administered in 2014-2015.

	FSA	FCAT/FCAT 2.0/NGSSS EOC
Contractor	• American Institutes for Research (AIR) • Subcontractor for materials production: Data Recognition Corporation (DRC)	Pearson
Standards Assessed	Florida Standards	• Sunshine State Standards (SSS) • Next Generation Sunshine State Standards (NGSSS)
CBT Platform	Test Delivery System (TDS)	TestNav 8
Computer-Based Test Administration (with paper-based accommodations for eligible students with IEPs/Section 504 plans)	• Grades 8-11 ELA Writing • Grades 5-11 ELA Reading • Grades 5-8 Mathematics • Algebra 1 • Geometry • Algebra 2	• FCAT Mathematics Retake • FCAT 2.0 Reading Retake • Algebra 1 Retake • Geometry Retake (Fall/Winter only) • Biology 1 • Civics • U.S. History
Paper-Based Test Administration	• Grades 4-7 ELA Writing • Grades 3-4 ELA Reading • Grades 3-4 Mathematics	Grades 5 and 8 Science

2. Are all assessments administered on the computer?

No. The following assessments are paper-based test administrations in 2014-2015: Grades 4-7 FSA English Language Arts (ELA) Writing, Grades 3-4 FSA ELA Reading, Grades 3-4 FSA Mathematics, and Grades 5 and 8 FCAT 2.0 Science. All other assessments are computer-based administrations with paper-based accommodations available for eligible students whose individual educational plans (IEPs) or Section 504 plans indicate a need for a paper-based format. For information regarding assessments that will be administered on the computer

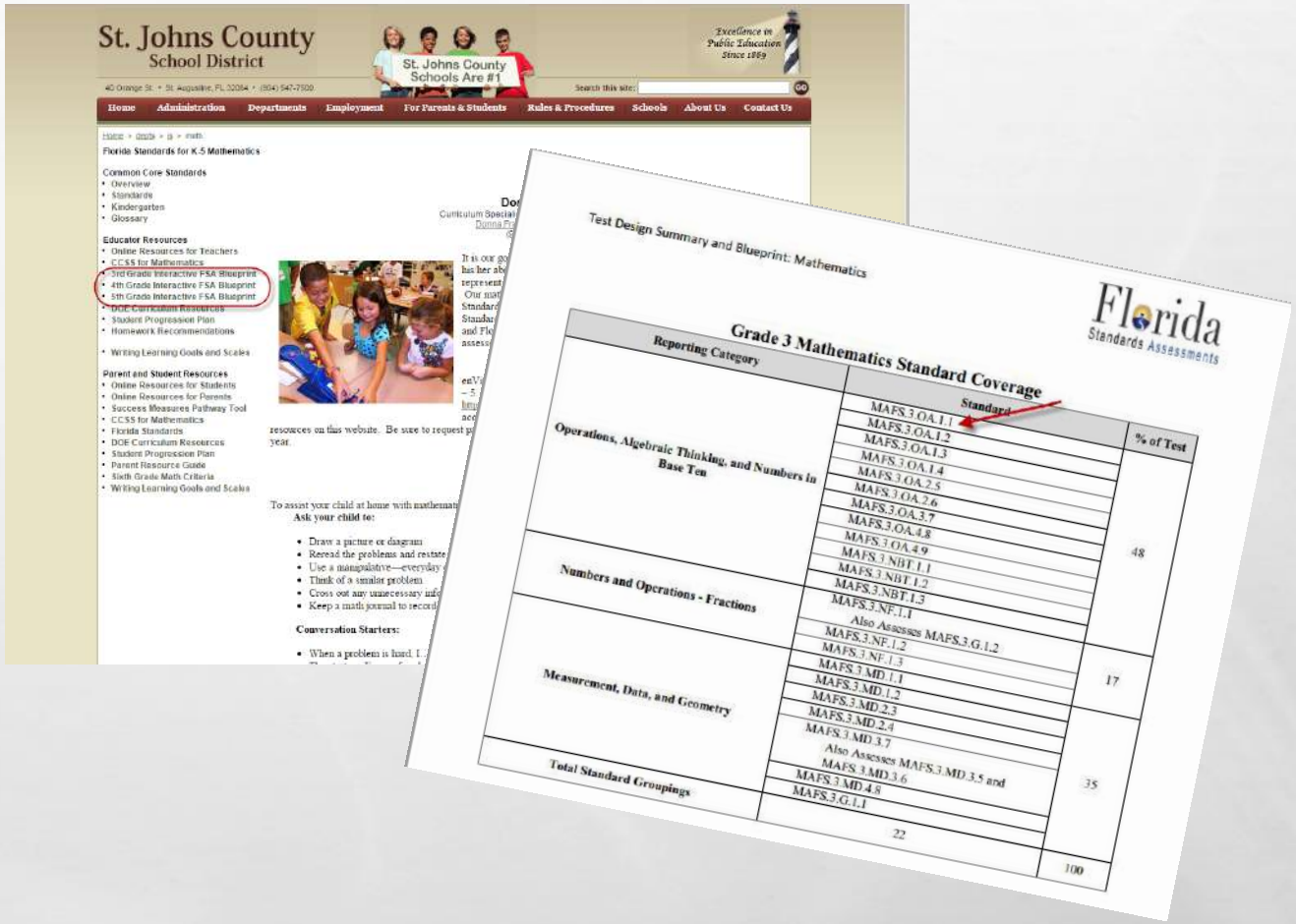
ASSESSMENT RESOURCES

FSA BLUEPRINTS

HTTP://WWW.STJOHNS.K12.FL.US/DEPTS/IS/MATH/

LINKS TO THE TEST ITEM SPECIFICATIONS FROM THE TEST BLUEPRINT

USE INTERNET EXPLORER



ASSESSMENT RESOURCES

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

WWW.PARCCONLINE.ORG/TAKE-THE-TEST

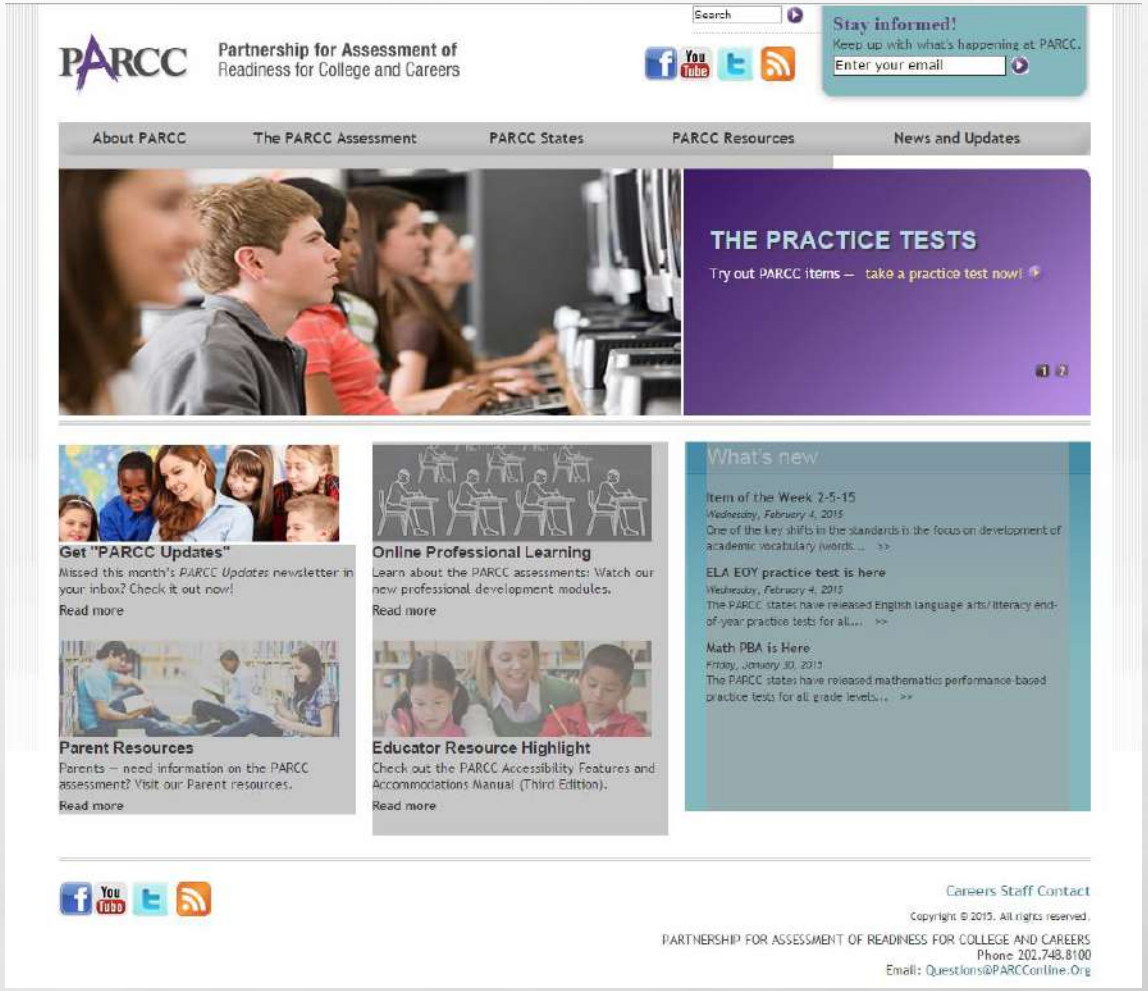
BOTH COMPUTER AND PAPER BASED PRACTICE TESTS

ASSESSMENT RESOURCES

PARCC RESOURCES

WWW.PARCCONLINE.ORG

PRACTICE RESOURCES

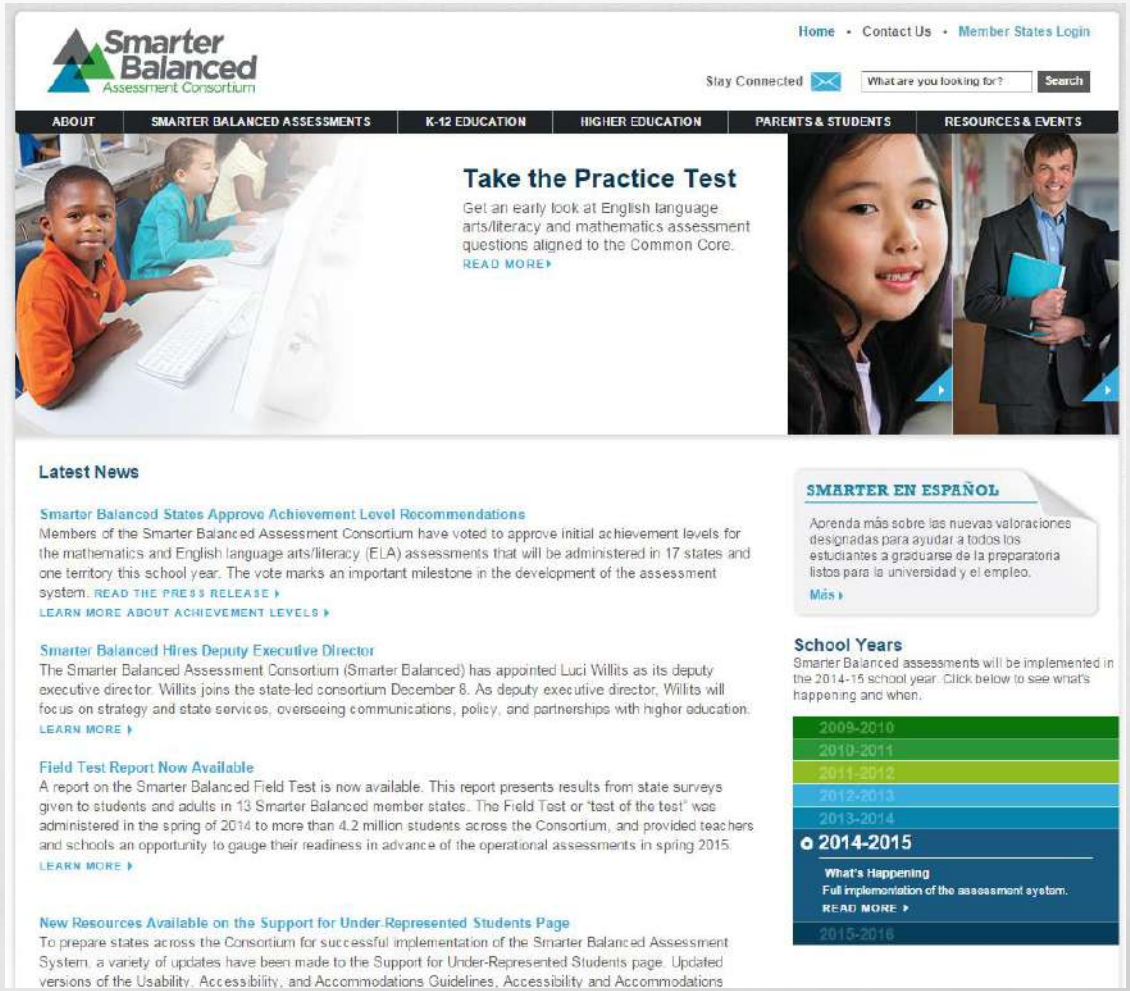


ASSESSMENT RESOURCES

SMARTER BALANCED RESOURCES

WWW.SMARTERBALANCED.ORG

PRACTICE RESOURCES



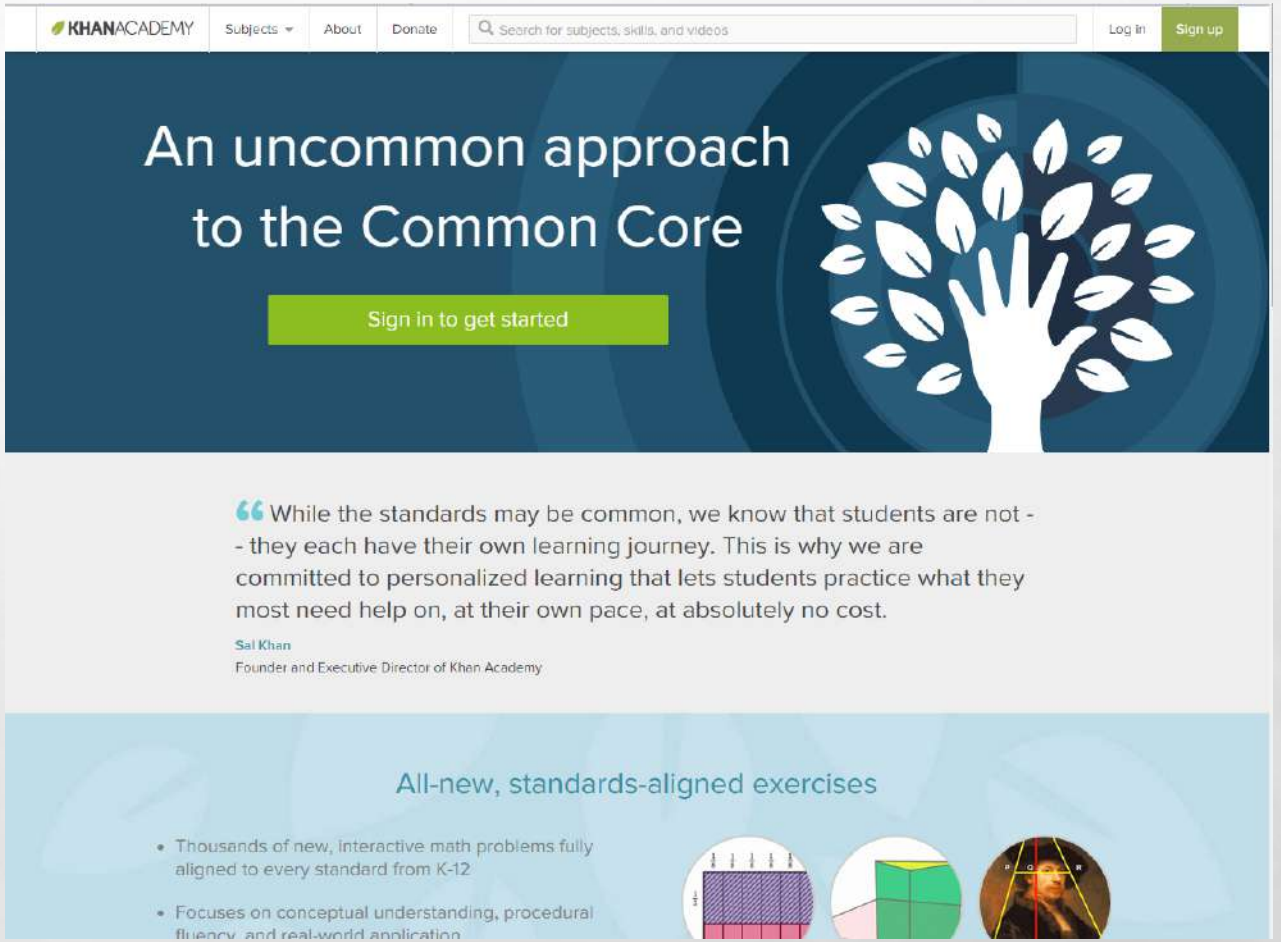
ASSESSMENT RESOURCES

KHAN ACADEMY CORE

WWW.KHANACADEMY.ORG/COMMONCORE/

QUESTIONS ALIGNED TO STANDARDS

TECHNOLOGY ENHANCED QUESTIONS



ASSESSMENT RESOURCES

TENMARKS

WWW.TENMARKS.COM

BOTH FREE AND FOR PURCHASE RESOURCES

CONTENT PRACTICE PROBLEMS AND ASSESSMENT PROBLEMS

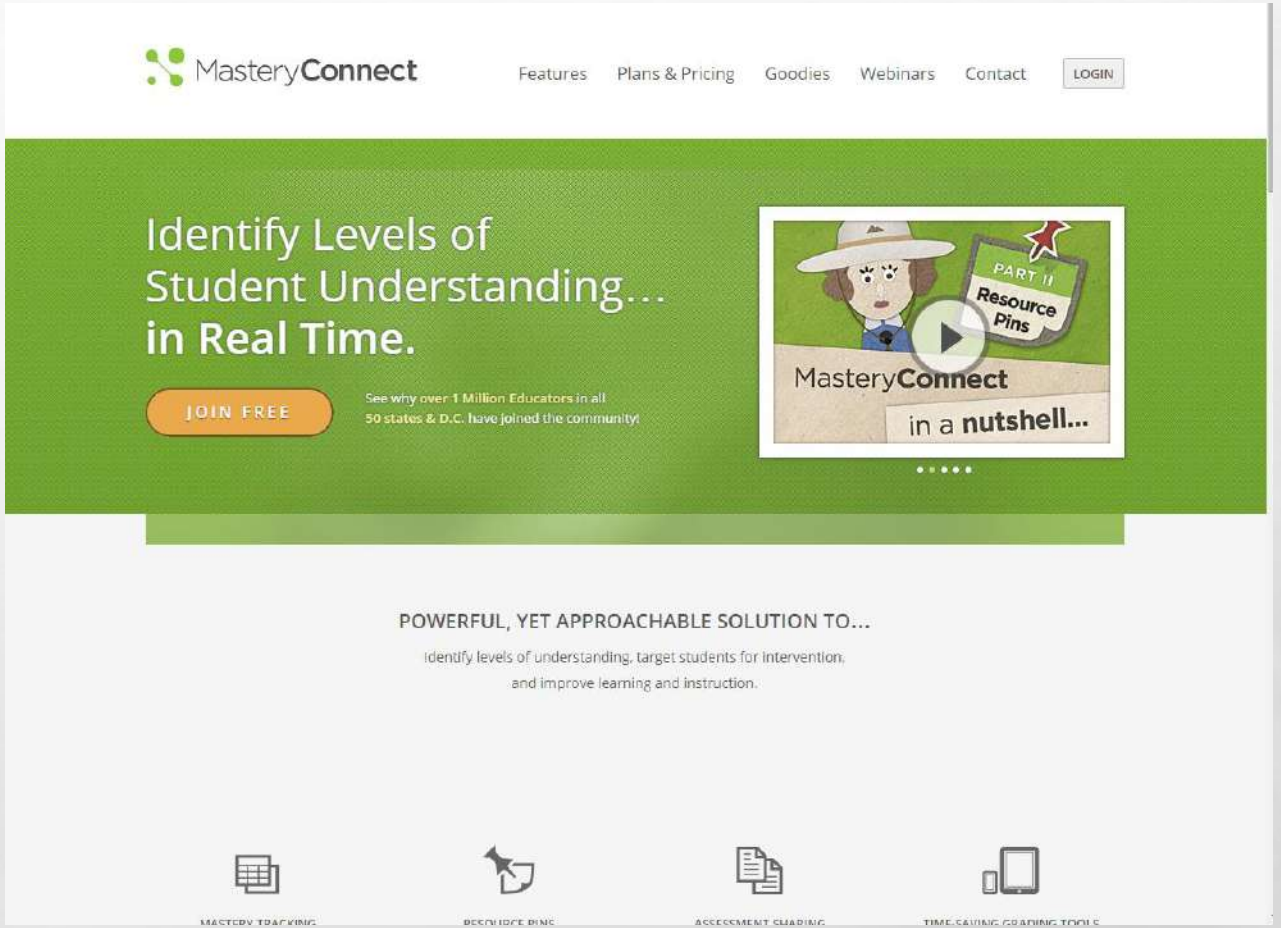
MATH CONTENT RESOURCES

MASTERY CONNECT

WWW.MASTERYCONNECT.COM

BOTH FREE AND FOR PURCHASE RESOURCES

CONTENT PRACTICE PROBLEMS AND ASSESSMENT PROBLEMS

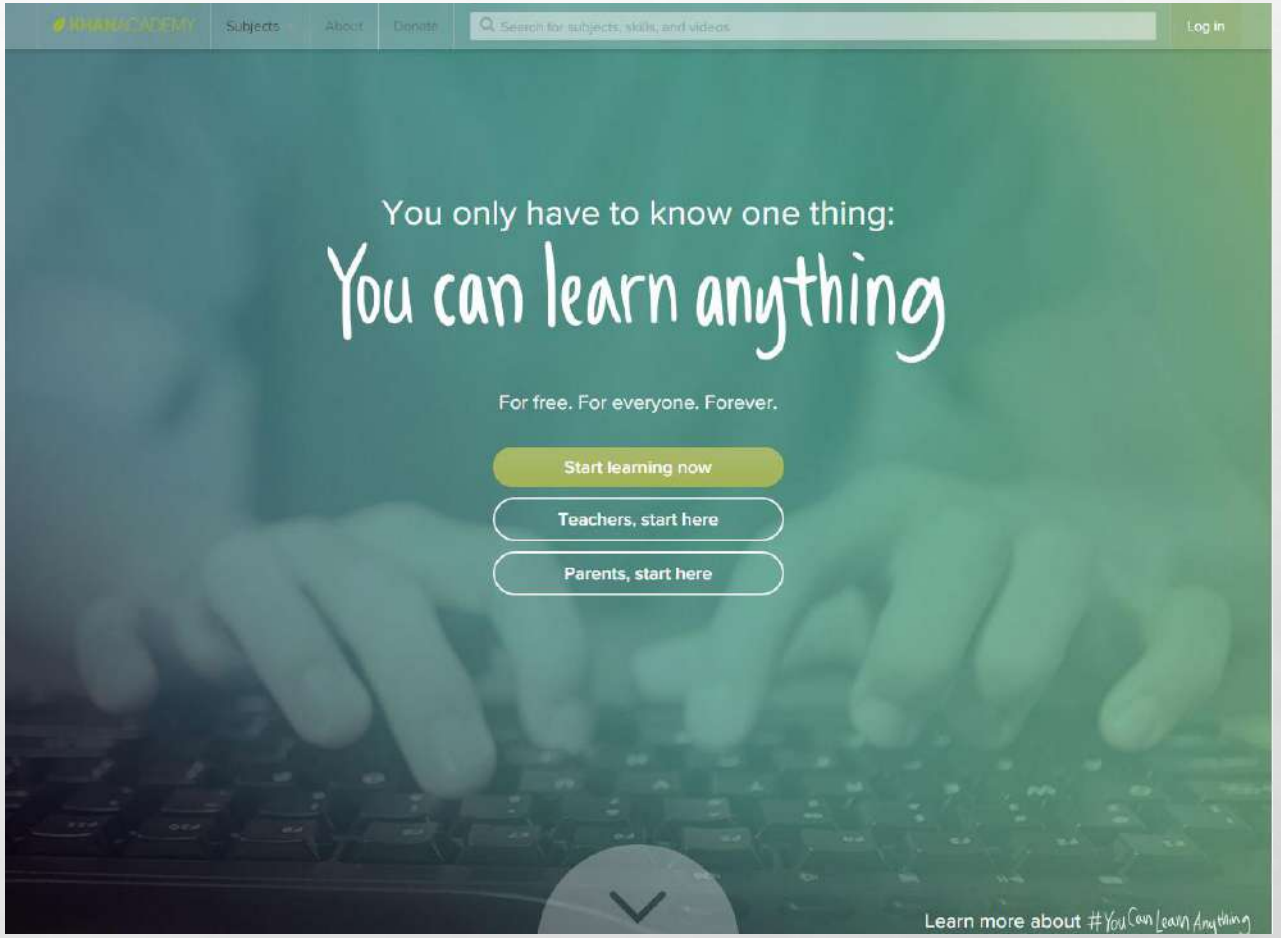


MATH CONTENT RESOURCES

KHAN ACADEMY

WWW.KHANACADEMY.ORG

FREE VIDEO TUTORIALS



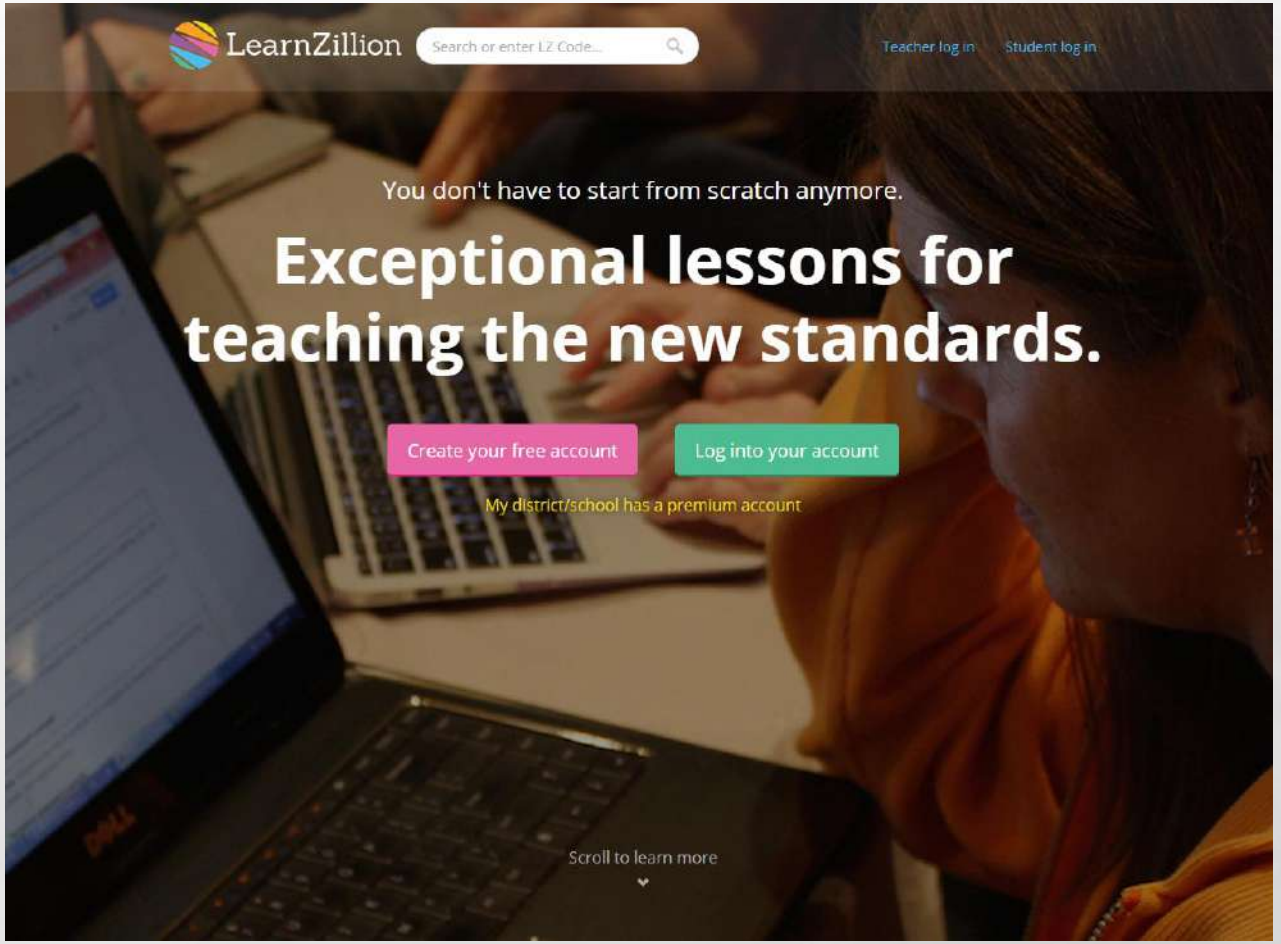
MATH CONTENT RESOURCES

LEARN ZILLION

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