

### Rule 6A-1.09422, Florida Comprehensive Assessment Test and End-of-Course Assessment Requirements: Standard Setting and Passing Scores

#### Rule Development Workshops September 3, 4 and 5, 2013

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Director of Assessment Florida Department of Education





### **Purpose of this Rule Development Workshop**

- Express the Department's intent to develop a rule amendment for consideration by the State Board of Education that:
  - Establishes Achievement Levels for the U.S. History End-of-Course (EOC) Assessment
  - Establishes passing scores for FCAT 2.0 and EOC assessments
- Obtain input from interested audiences:
  - General input about setting the Achievement Levels
  - Specific feedback on Achievement Level and passing score recommendations



# **Today's Topics**

- Background on the U.S. History EOC Assessment
- Review the standard-setting process
- Review the recommendations from both panels
- Review the impact data
- Review the established FCAT 2.0 and EOC assessment Achievement Levels and recommended passing scores
- Request feedback from you



### **Transition Schedule**

		Year Administered to Students			
Type of Assessment	Assessment Area	2011-12	2012-13	2013-14	2014-15
FCAT	FCAT Writing	Gr 4, 8, 10			
	FCAT 2.0 Writing		Gr 4, 8, 10	Gr 4, 8, 10	
FCAT 2 0	FCAT 2.0 Reading	Gr 3-10	Gr 3-10	Gr 3-10	
FCAT 2.0	FCAT 2.0 Mathematics	Gr 3-8	Gr 3-8	Gr 3-8	
	FCAT 2.0 Science	Gr 5, 8	Gr 5, 8	Gr 5, 8	Gr 5, 8
Florida End-of-Course	Algebra 1	In Course	In Course	In Course	In Course
	Geometry	In Course	In Course	In Course	In Course
	Biology 1	In Course	In Course	In Course	In Course
Assessments	U.S. History		In Course	In Course	In Course
	Civics (Middle School)			In Course	In Course
	English Language Arts				Gr 3-11
Common Core State Standards	Mathematics				Gr 3-8
	High School				
Assessments	Mathematics EOCs				In Course
	(Algebra 1, Geometry,				In Course
	Algebra 2)				



### **U.S. History EOC Assessment**

**Administration Summary** 

- Administered to all students enrolled in and completing one of the following courses:
  - United States History 2100310
  - United States History Honors 2100320
- Computer-based assessment with computer-based accommodations (e.g., screen reader, zoom, color contrast) and paper-based accommodations (e.g., regular print, large print, braille) available for students with disabilities who require allowable accommodations, as specified in their individual educational plans (IEPs) or Section 504 plans
- Administered in one 160-minute session with a 10-minute break after the first 80 minutes. Any student not finished by the end of the allotted time may continue working, but the student must finish within the same school day.



### **U.S. History EOC Assessment**

Administration Summary (continued)

- Students may use a one-page CBT worksheet as scratch paper during the test.
- Students are required to participate in a computer-based practice test (ePAT) prior to the assessment to practice using the tools (e.g., highlighter, straightedge, notepad, option eliminator).
- Scores must be used to calculate 30% of the student's final grade in the U.S. History course for students who entered grade 9 in 2012-13 and beyond. The method for applying this requirement is determined by the school district.



### **Standard-Setting Vocabulary**

- **Content Standards:** The content that students are expected to know
- Achievement Levels: Levels of student achievement based on observed scale scores
- Achievement Level Descriptions (ALDs): Descriptions of the competencies associated with each level of achievement
- Cut Scores (Standards): Scores on an assessment that separate one Achievement Level from another
- Panelists (Judges/Raters): Those who participate in the standard-setting process (stakeholders, educators, professionals – must understand the content assessed)
- Impact Data (Normative Feedback): Data that summarize the consequences of a proposed set of cut scores (e.g., How many students' scores will be classified at Level 3?)



## FCAT 2.0 and EOC Assessments are Standards-Based Tests

- Based on Florida's content standards (Next Generation Sunshine State Standards)
- Students' scores are in comparison to achievement standards the criteria (Criterion-Referenced Test)
- Used to measure how well students have learned the content assessed
- Used to measure the teaching and learning of important content in Florida's schools



## When is Standard Setting Necessary?

- Standard setting becomes necessary whenever any of the following occur:
  - New test
  - Curriculum updates
  - Blueprint changes
  - Achievement Level Descriptions (ALDs) change
- Next Generation Sunshine State Standards new content standards



## Why Have Standards?

- To define what students should know and be able to do
- To identify clear expectations for students, parents, and teachers
- To improve teaching and learning
- To develop a society able to compete in a global economy
- Important!
  - Performance standards define what we want to achieve
  - Performance standards do not describe our current status



## **Types of Standards**

- <u>Content Standards: Define desired student knowledge and skills</u> (the "what")
  - Next Generation Sunshine State Standards
  - Common Core State Standards
- **Performance Standards:** Describe how much content knowledge a student is required to demonstrate
  - Achievement Level Standards
  - Passing Scores
  - Graduation Requirements
- Accountability Standards
  - School Grading Criteria
  - Annual Measurable Objectives



### Setting Performance Standards – or "Cut Scores"

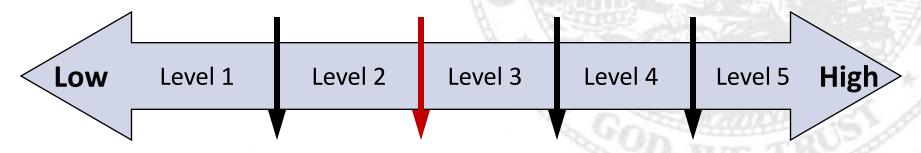
- A process that helps provide meaning to test scores
  - Provides a frame of reference for interpreting test scores
  - Most relevant when applied to tests based on defined content standards (criterion-referenced tests)
- The process includes: Deriving levels of performance on educational ... assessments, by which decisions or classifications ... will be made. (Cizek, 2007)
  - Mapping content to student achievement
  - Making judgments that are both qualitative (content) and quantitative (test scores)
  - Relating the NGSSS to FCAT 2.0/EOC scores



### **Achievement Levels**

- Florida uses Achievement Levels
- Requires the setting of four Achievement Level cuts
- The Level 2/3 cut is the "Satisfactory" cut





### Florida EOC Assessment Scale Score Range

- All Florida EOC Assessments use the same scale score range
- U.S. History EOC Assessment Achievement Level cuts must be determined on this score scale

Assessments	Scale	
EOC Assessments	325-475	
	Carrier States	- 1
	Gondaut	
lorida Department of		
EDUCATION	2013 U.S. History EOC Assessment Standard Se	tting 14

## FCAT 2.0/EOC Assessment Policy Definitions

Achievement Level	Policy Definition
Level 5	Students at this level demonstrate mastery of the most challenging content of the Next Generation Sunshine State Standards.
Level 4	Students at this level demonstrate an above satisfactory level of success with the challenging content of the <i>Next Generation Sunshine State Standards</i> .
Level 3	<b>Students at this level demonstrate a satisfactory level of success with the challenging content of the</b> <i>Next Generation Sunshine State Standards</i> .
Level 2	Students at this level demonstrate a below satisfactory level of success with the challenging content of the <i>Next Generation Sunshine State Standards</i> .
Level 1	Students at this level demonstrate an inadequate level of success with the challenging content of the Next Generation Sunshine State Standards.



## We've Done This Before...

#### **1998:**

 Reading and Mathematics Achievement Levels approved for grades 4, 5, 8 and 10

#### 2001:

- Reading and Mathematics Achievement Levels approved for grades 3-10
- Grade 10 FCAT Reading and Mathematics passing scores established

#### 2011:

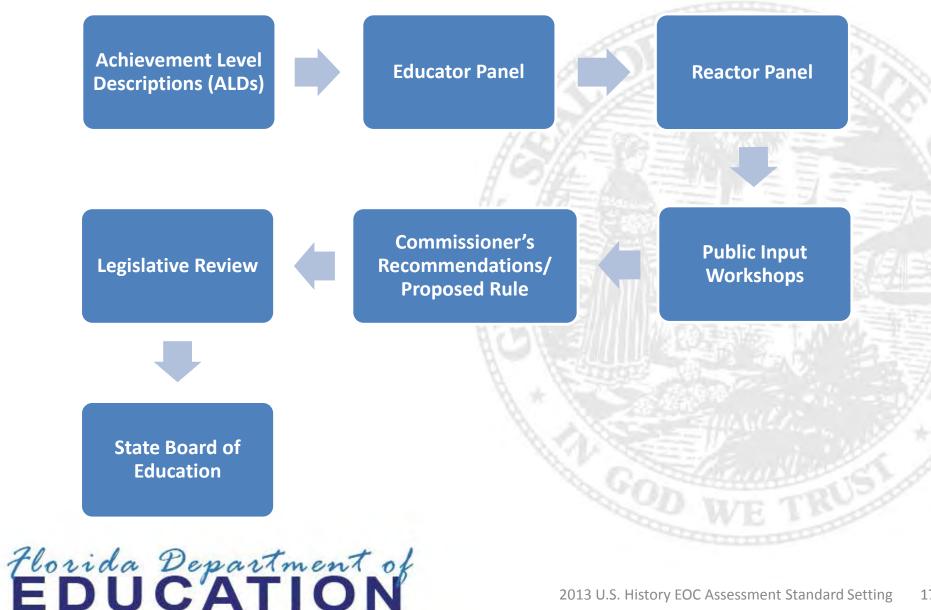
- FCAT 2.0 Reading (grades 3-10) and Mathematics (3-8) Achievement Levels approved
- Algebra 1 EOC Assessment Achievement Levels approved
- Grade 10 FCAT 2.0 Reading and EOC assessment passing scores established in rule as the minimum score in Achievement Level 3

#### 2012:

- FCAT 2.0 Science (grades 5 and 8) Achievement Levels approved
- Biology 1 and Geometry EOC Assessment Achievement Levels approved



#### **Setting Standards is a Multi-Stage Process**



#### **Standard-Setting Timeline**

Complex process with input solicited from several groups of stakeholders

- Summer 2012: Content experts defined U.S. History EOC Assessment Achievement Level Descriptions (ALDs).
- March/April 2013: U.S. History EOC Assessment ALDs were posted for public comment.
- August 13-16, 2013: Content experts rated the difficulty of items on the test relative to student expectations, which were aggregated to derive recommended cut scores.
- August 22-23, 2013: Reactor panel reviewed the Educator Panel's outcomes and provided feedback and recommendations for adopting the cut scores.
- September 2-5, 2013: State Board of Education Rule Workshops held for gathering public input on the Educator and Reactor Panels' recommendations.
- Winter 2013-2014: The State Board of Education will review the results from each panel as well as the Commissioner's recommendations and legislator input, and will make a final cut-score decision.



## **Educator Panel: August 13-16**

- 26 teachers and district-level administrators with subject-area expertise and expertise with special populations
- Panel represented Florida's diversity, including:
  - Gender
  - Ethnicity
  - District Size
  - Region
  - School Zone Type



#### 26 Educator Panelists – Ethnicity, Gender and District Size

White	African American	Hispanic	Native American	Asian	Multiracial	Middle Eastern
17	3	3	1	0	1	1

Gender			
Male	Female		
8	18		

Large	Medium	Small
10	9	7



#### 26 Educator Panelists – District Region and School Zone

Panhandle	Northeast/ Crown	East Central	West Central	South
5	5	6	5	5

Urban	Suburban	Rural
7	13	6



## **Standard-Setting Process – Educator Panel**

- Reviewed and discussed ALDs
- Panelists "took the test"
- Participated in standard-setting training
- Practiced judgment procedure
- Provided four rounds of independent judgments



## **Modified-Angoff Method**

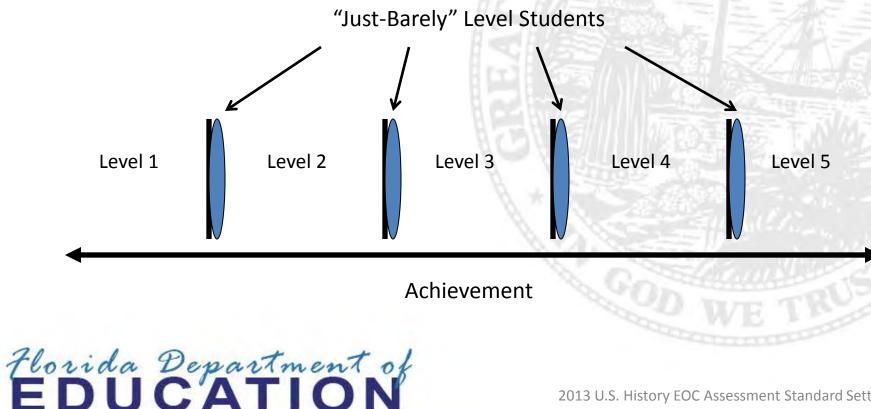
The judgment process (by item)

- Reviewed the ALDs
- Evaluated the knowledge and skills needed to respond correctly to each item
- Judged the percentage of students expected to respond correctly to each item



## The "Just-Barely" Test Taker

- Borderline in terms of Achievement Level
- Just barely meets criteria to be classified into the Achievement Level



## **Reactor Panel: August 22-23**

- Convened a group of diverse stakeholders from across Florida
- Provided feedback to the department on the outcomes of the Educator Panel
- Maintained Educator Panel's recommended cut scores



#### **15 Reactor Panelists – Diverse Group of Stakeholders**

2013 U.S. History EOC Assessment Reactor Panel Committee List				
Name	Company/District/Employer	County		
Steve Benton, Sr.	Superintendent - Jackson County	Jackson		
Richard "Andy" Tuck	School Board Member Highlands County	Highlands		
Albert Brinkman	Brinkman Group LLC	St. Lucie		
Dr. Wilbert Tee Holloway	School Board Member Miami-Dade County	Miami-Dade		
Melissa Kicklighter	PTA Member, Duval County	Duval		
Louise A. Ball	Curriculum Supervisor, Broward County Public Schools	Broward		
Adam Giery	Florida Chamber of Commerce	Statewide		
Dr. Ben Brotemarkel	Executive Director, Florida Historical Society	Brevard		
Patty Hightower	School Board Member Escambia County	Escambia		
Ramona Patrick	Director of Exceptional Student Education and Student Services	Taylor		
Leonard Bruton	Associate Dean, Palm Beach State College	Palm Beach		
Robert "Rob" Bendus	Director of DOS Historical Resources and State Historic Preservation Officer	Statewide		
K.C. Smith	Florida Museum of Florida History – Florida History Fair Coordinator	Statewide		
Amy Darty, M.A.	History Instructor, University of Central Florida	Orange		
Janet Lamoureux	PTA Member, Polk County Pol			



### **Reactor Panel Review**

Considered the following:

- Information and materials from the standard-setting Educator Panel meeting
- Next Generation Sunshine State Standards
- Achievement Level Descriptions (ALDs)
- External tests
  - NAEP, SAT, AP
  - Impact data
    - By gender
    - By ethnicity



### **Reactor Panel: Key Questions**

The Reactor Panel considered the following questions:

- Given the results that you see for NAEP and other test results that were provided, are the Educator Panel judgments and resulting impact data for the Florida U.S. History EOC Assessment appropriate?
- Given your expectations and Florida's goal to be nationally competitive, are the proposed cuts appropriate?
- If not, which cut score(s) would you suggest changing? Should the cut score(s) be higher or lower?

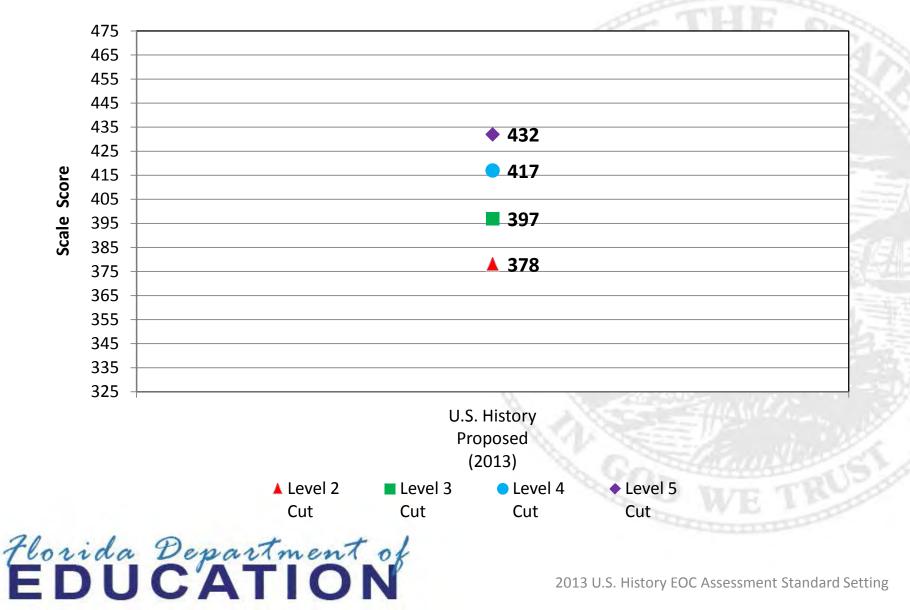


## Educator Panel Recommendations and Impact Data

The following slides represent recommendations from the Educator Panel. This panel was asked to make **content-based judgments.** 



#### Scale Score Cuts Proposed by the Educator Panel U.S. History EOC Assessment

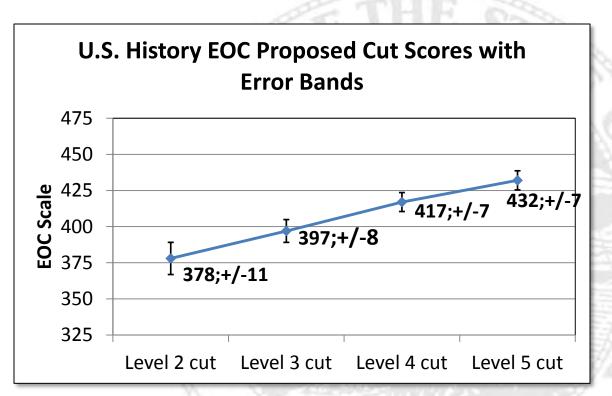


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#### **Judgment Variation for Educator Panel's Proposed Cuts**

	U.S. History EOC Assessment		
Cut Point	Scale Score Cuts	Judgment Variation* +/- 2 SE	
Level 1/2 Cut	378	367-389	
Level 2/3 Cut	397	389-405	
Level 3/4 Cut	417	410-424	
Level 4/5 Cut	432	425-439	

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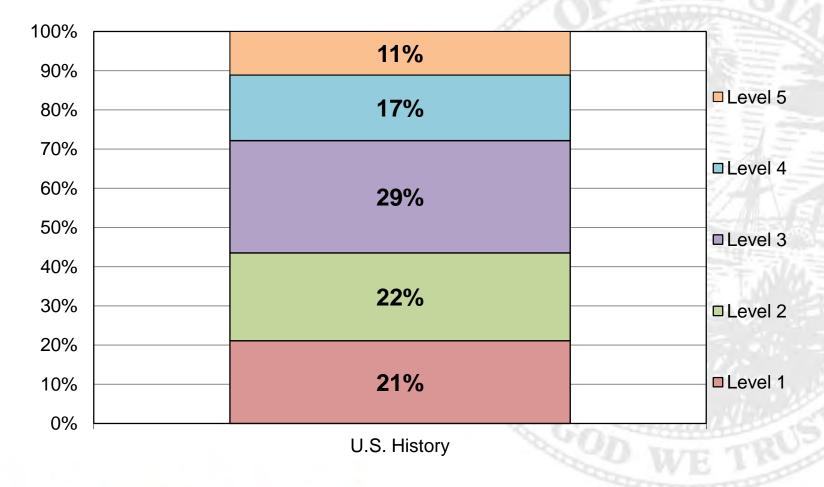
\*Judgment Variation is also referred to as Standard Error of Judgment (SE). These bands were provided to the Reactor Panel as a recommended boundary for their modifications based on standard-setting research and best practices.

# Impact Data

- Generated by applying the proposed cut scores to actual student performance from the spring 2013 administration
- Provided to the Educator Panel prior to their final round of judgment
- Used by the Reactor Panel to model scenarios prior to making all judgments



#### EDUCATOR PANEL: All Students Percentage in Each Achievement Level Impact Data (Based on 2013 Student Performance)





## Reactor Panel Recommendations and Impact Data

The following slides represent recommendations from the Reactor Panel. This panel was asked to make judgments based on the **impact data** and on data from **external assessments**.

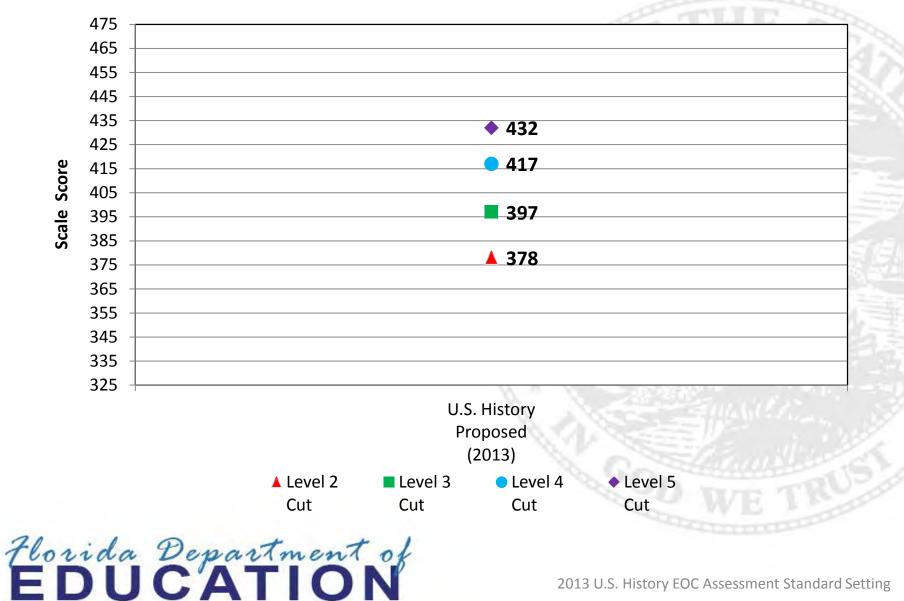


# **Same Recommendations**

- Members of the Reactor Panel made independent judgments after group discussion.
- Their final cut score recommendations resulted in the same cut score recommendations made by the Educator Panel.

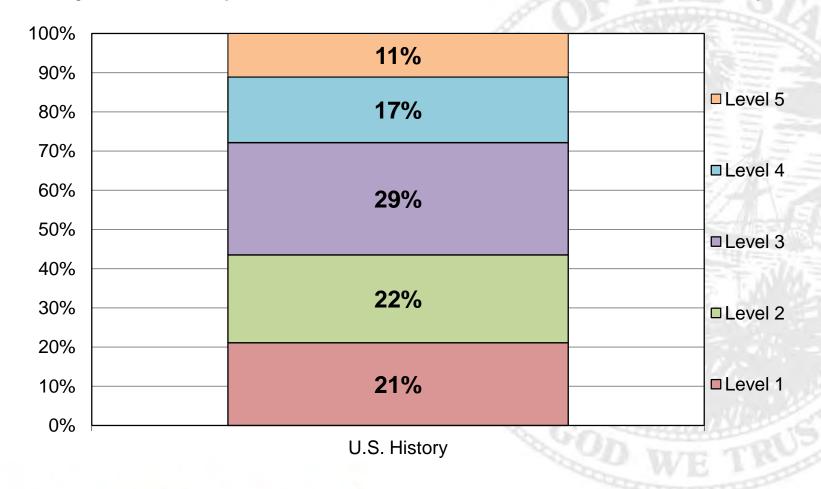


#### Scale Score Cuts Proposed by the Reactor Panel U.S. History EOC Assessment



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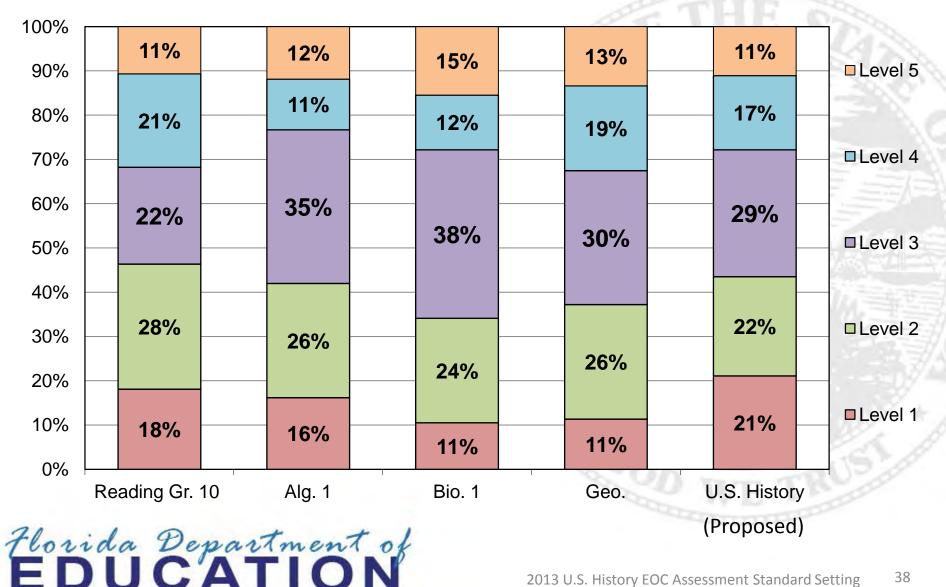
#### REACTOR PANEL: All Students Percentage in Each Achievement Level Impact Data (Based on 2013 Student Performance)



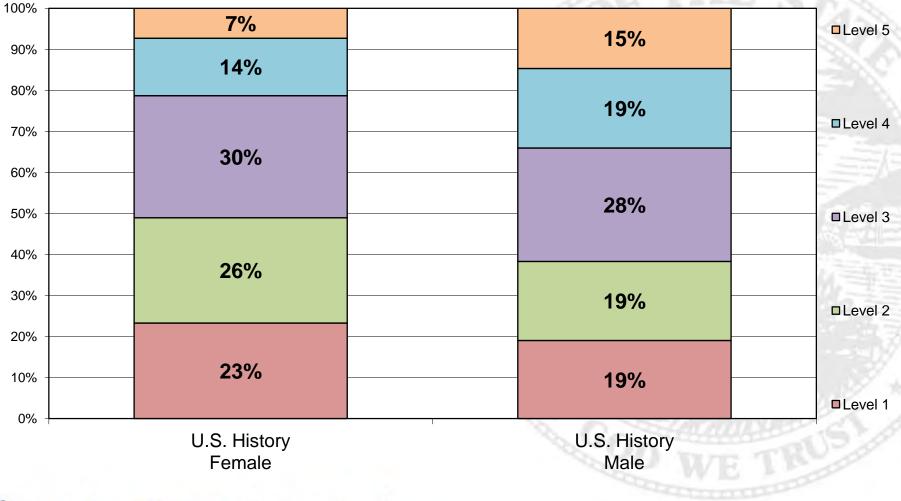


#### Impact Data – Based on 2013 Student Performance

Reading Grade 10, Algebra 1, Geometry, Biology 1, and Proposed U.S. History

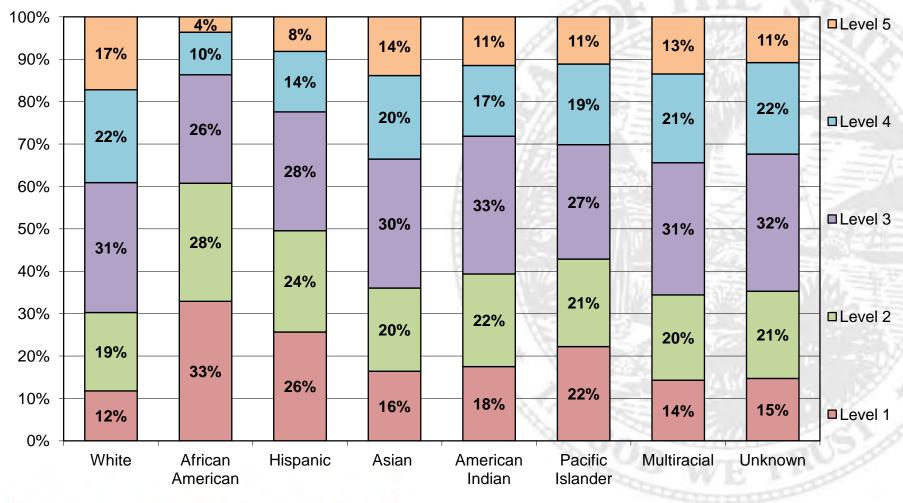


#### U.S. History EOC Assessment, by Gender Percentage in each Achievement Level Impact Data (Based on 2013 Student Performance)





#### U.S. History EOC Assessment, by Ethnicity Percentage in each Achievement Level Impact Data (Based on 2013 Student Performance)





## FCAT 2.0 and EOC Assessment Passing Scores

The following slides represent the established achievement standards for the FCAT 2.0 and Florida EOC Assessments. Passing scores must now be established pursuant to Senate Bill 1076, passed during the 2013 legislative session.



## FCAT 2.0/EOC Assessment Policy Definitions

Achievement Level	Policy Definition
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Level 2	Students at this level demonstrate a below satisfactory level of success with the challenging content of the <i>Next Generation Sunshine State Standards</i> .
Level 1	Students at this level demonstrate an inadequate level of success with the challenging content of the Next Generation Sunshine State Standards.



#### Grade 4 FCAT 2.0 Writing Scoring Rubric

- 6.0 The writing focuses on the topic, is logically organized, and includes ample development of supporting ideas or examples. It demonstrates a mature command of language, including precision in word choice. Sentences vary in structure. Conventions are generally correct.
- 5.5 The writing was given a 5 by one reader and a 6 by the other reader.
- 5.0 The writing focuses on the topic with adequate development of supporting ideas or examples. It has an organizational pattern, but lapses may occur. Word choice is adequate. Sentences vary in structure. Punctuation, capitalization, and spelling are generally correct.
- **4.5** The writing was given a 4 by one reader and a 5 by the other reader.
- 4.0 The writing generally focuses on the topic, but it may contain extraneous information. An organizational pattern is evident, but lapses may occur. Some supporting ideas contain specifics and details, but others are not developed. Word choice is adequate. Sentences vary somewhat in structure, though many are simple. Knowledge of conventions is demonstrated, and commonly used words are usually spelled correctly.
- **3.5** The writing was given a 3 by one reader and a 4 by the other reader.
- 3.0 The writing generally focuses on the topic, but it may contain extraneous information. An organizational pattern has been attempted, but lapses may occur. Some of the supporting ideas or examples may not be developed. Word choice is adequate but limited. Sentences vary somewhat in structure, though many are simple. Knowledge of conventions is demonstrated, and commonly used words are usually spelled correctly.
- **2.5** The writing was given a 2 by one reader and a 3 by the other reader.
- 2.0 The writing may be slightly related to the topic or offer little relevant information and few supporting ideas or examples. There is little evidence of an organizational pattern. Word choice may be limited or immature. Sentences may be limited to simple constructions. Frequent errors may occur in punctuation, capitalization, and spelling.
- **1.5** The writing was given a 1 by one reader and a 2 by the other reader.
- 1.0 The writing may only minimally address the topic because there is little or no development of supporting ideas or examples. Unrelated information may be included. No organizational pattern is evident. Ideas are usually provided through lists, and word choice is limited or immature. Frequent errors in punctuation, capitalization, spelling, and sentence structure may impede communication.
- U Unscorable.



#### Grade 8 FCAT 2.0 Writing Scoring Rubric

- 6.0 The writing focuses on the topic, is logically organized, and includes substantial development of supporting ideas or examples. It demonstrates a mature command of language, including precision in word choice. Sentences vary in structure. Conventions are generally correct.
- 5.5 The writing was given a 5 by one reader and a 6 by the other reader.
- 5.0 The writing focuses on the topic with ample development of supporting ideas or examples. It has an organizational pattern, though lapses may occur. Word choice is mature and precise. Sentences vary in structure. Conventions are generally correct.
- **4.5** The writing was given a 4 by one reader and a 5 by the other reader.
- **4.0** The writing generally focuses on the topic, but it may contain extraneous information. An organizational pattern is evident, but lapses may occur. Support is adequate, but development may be uneven. Sentences sometimes vary in structure, though many are simple. Conventions are generally followed.
- **3.5** The writing was given a 3 by one reader and a 4 by the other reader.
- **3.0** The writing generally focuses on the topic, though it may contain extraneous information. An organizational pattern has been attempted, but lapses may occur. Some of the supporting ideas or examples may not be developed. Word choice is adequate. Sentence structure may vary, though many sentences have simple constructions. Knowledge of conventions is usually demonstrated.
- **2.5** The writing was given a 2 by one reader and a 3 by the other reader.
- 2.0 The writing is related to the topic but offers little relevant information and few supporting ideas or examples. There is little evidence of an organizational pattern. Word choice is limited or immature. Sentences may be limited to simple constructions. Frequent errors may occur in conventions.
- **1.5** The writing was given a 1 by one reader and a 2 by the other reader.
- 1.0 The writing may only minimally address the topic because there is little or no development of supporting ideas. Unrelated information may be included. An organizational pattern may not be evident. Ideas are provided through lists, and word choice is limited or immature. Frequent errors in sentence structure and conventions impede communication.
- U Unscorable.



#### Grade 10 FCAT 2.0 Writing Scoring Rubric

- **6.0** The writing focuses on the topic, is logically organized, and includes substantial development of supporting ideas or examples. It demonstrates a mature command of language with freshness of expression. Sentences vary in structure. Few, if any, errors occur in conventions.
- 5.5 The writing was given a 5 by one reader and a 6 by the other reader.
- **5.0** The writing focuses on the topic, is logically organized, and includes ample development of supporting ideas or examples. It demonstrates a mature command of language. Sentences vary in structure. Conventions are generally correct.
- **4.5** The writing was given a 4 by one reader and a 5 by the other reader.
- **4.0** The writing focuses on the topic, though it may contain loosely related information. An organizational pattern is apparent. Support is consistently developed, but it may lack specificity. Word choice is adequate. Sentences vary in structure. Conventions are generally correct.
- **3.5** The writing was given a 3 by one reader and a 4 by the other reader.
- **3.0** The writing generally focuses on the topic, though it may contain loosely related information. An organizational pattern is demonstrated. Development of the supporting ideas may be uneven. Word choice is adequate. There is some variation in sentence structure. Usage, punctuation, and spelling are generally correct.
- **2.5** The writing was given a 2 by one reader and a 3 by the other reader.
- 2.0 The writing addresses the topic, but it may lose focus by including extraneous information. An organizational pattern is demonstrated. Development of the supporting ideas may be nonspecific. Word choice may be limited. Errors may occur in the basic conventions.
- **1.5** The writing was given a 1 by one reader and a 2 by the other reader.
- **1.0** The writing addresses the topic, but it may lose focus by including extraneous and loosely related ideas. The organizational pattern is weak. Ideas are presented through lists and limited or inappropriate word choice. Frequent errors may occur in sentence construction, usage, punctuation, and spelling.
- U Unscorable.



## **Current "Passing" Standards**

- For students entering grade 9 in 2010-11 and beyond, the Grade 10 FCAT 2.0 Reading passing score is established in rule as the minimum score in Achievement Level 3
- The passing scores for Florida EOC Assessments are established in rule as the minimum score in Achievement Level 3



## **Department Recommendations**

To set the recommended passing scores at the "satisfactory" threshold currently used for accountability purposes:

- FCAT 2.0 Reading (grades 3 10), Mathematics (grades 3 8), and Science (grades 5 and 8) passing scores be established as the minimum score in Achievement Level 3
- FCAT 2.0 Writing (grades 4, 8 and 10) passing score be established as a 3.5 on a scale of 1.0 to 6.0
- Florida EOC Assessment passing scores remain the minimum score in Achievement Level 3



# **Grade 3 Reading**

- Although the recommended "passing" score is a minimum of a Level 3 score, students who score Level 2 or higher would not be *required* to be retained in Grade 3.
- Only students scoring no higher than a Level 1 in Grade 3 Reading would be required to be retained if he or she does not meet good cause exemptions, pursuant to Section 1008.25, Florida Statutes
- To set the passing score lower for grade 3 in Reading than in the other grade levels would send a mixed message about satisfactory performance across grades



## Your Turn to Provide Input...

- Review recommendations and impact data (see the standardsetting reference sheet)
- Reflect
- Options for providing input on the Reactor Panel's proposed cut scores:
  - Higher Move the cut score higher to increase expectations (fewer students classified as proficient, or fewer classified in higher levels)
  - No Change Maintain cut scores
  - Lower Move the cut score lower to decrease expectations (more students classified as proficient, or fewer classified in higher levels)
- Provide feedback on recommended passing scores
- Provide written comments as desired



### Respond to the Reactor Panel's Proposed Cuts and the Proposed Passing Scores

Florida Co	mprehe	nsive Asses	sment	Test and End	of-Course Asses	ssment	t Requirements	
September	r 3, 2013- r 4, 2013-	oriate rule dev – Fort Meyers – Lakeland, Fl – Tallahassee,	, Florid orida					
Required Info	ormation							
Name Please print.							1	
Affiliation	-	Teache			Representative	Par	ent	
Check all that		Studen	it 🗋	Business Lead	er 🔲 Other			
Organization applicable (e. District, Busin	g., School	-					1.1	
	mation							
(i.e., email, pho	one)	-						
(i.e., email, phy Signature U.S. History E 1) If you were any of the l	<b>ind-of-Co</b> e able to c following	hange the Rea assessments,	actor Pi which	cut scores would	cut scores (provide l you change, and i	n which	h direction would	
(i.e., email, pho Signature U.S. History E 1) If you were any of the l you recom comments,	ind-of-Co e able to c following mend cha , if applica	hange the Rea assessments, nges in the cu ible.	actor Pi which it score	anel's proposed cut scores would s? Please select	cut scores (provide 1 you change, and i one answer for eac	n which th cut p	h direction would oint and provide	
(i.e., email, phy Signature U.S. History E 1) If you were any of the I you recom	ind-of-Co e able to c following mend cha , if applica	hange the Rea assessments, nges in the cu ible. <b>el 2 Cut</b>	actor Pi which it score	anel's proposed cut scores would s? Please select Level 3 Cut	cut scores (provide d you change, and i one answer for eac Level 4 Cut	n which h cut p	h direction would oint and provide Level 5 Cut	
(i.e., email, pho Signature U.S. History E 1) If you were any of the I you recom comments, Assessment U.S. History EOC	ind-of-Co e able to c following mend cha , if applica Reactor High	hange the Rea assessments, nges in the cu ble. <b>rel 2 Cut</b> Panel (378) er	Actor Provide the score	anel's proposed cut scores would s? Please select <b>.evel 3 Cut</b> tor Panel (397) figher	cut scores (provide d you change, and i one answer for eac level 4 Cut Reactor Panel (41 Higher	n which h cut p	h direction would oint and provide Level 5 Cut Reactor Panel (432 Higher	)
(i.e., email, pho Signature U.S. History E 1) If you were any of the I you recom comments, Assessment U.S. History	and-of-Co e able to c following mend cha , if applica Reactor High Low No G	hange the Rec assessments, nges in the cu ble. <b>rel 2 Cut</b> Panel (378) er er change	Actor P: which it score React H	anel's proposed cut scores would s? Please select <b>Level 3 Cut</b> tor Panel (397)	cut scores (provide 1 you change, and i one answer for eac Level 4 Cut Reactor Panel (41	n which h cut p	h direction would oint and provide Level 5 Cut Reactor Panel (432	)

1	Please indicate your agreement with the recommended Grades 3 through 9 FCAT 2.0 Reading passing scores a the minimum score in Achievement Level 3 for each grade level.				
	Agree	Disagree	🗌 Neutral		
3)			with the recommended Grades 3 through 8 FCA1 Achievement Level 3 for each grade level.	2.0 Mathematics passing	
	Agree	Disagree	Neutral		
4)	Please indicate your agreement with the recommended Grades 5 and 8 FCAT 2.0 Science passing scores as the minimum score in Achievement Level 3 for each grade level.				
	Agree	Disagree	Neutral		
5)	Please indicate y score of 3.5 for e		vith the recommended Grades 4, 8, and 10 FCAT	2.0 Writing passing score as a	
	Agree	Disagree	Neutral		
6)	and Florida EOC	Assessments as	with the existing passing score requirement for the minimum score in Achievement Level 3 (Aci / 1, and Geometry and will be established for U.:	nievement Levels have been	
	Agree	Disagree	Neutral		
	mments on Ques	auns 2 unoagn			



# Thank you for participating in the 2013 standard-setting process.

Updated information will be posted to: <u>http://fcat.fldoe.org/standardsetting.asp</u>

