

WHAT'S ON THE HORIZON?

CURRICULUM AND ASSESSMENT

ELEMENTARY

ONE VISION  ONE VOICE

Global Standing in Workforce/ Global
Achievement of U.S students

21st Century Skills

Evolving Rigorous
Standards

Curriculum &
Instruction

State
Assessments

District
Assessment

Guiding Questions

- ▣ **How has the content changed on state assessments?**
- ▣ **What are the implications for instruction, assessment, and accountability?**

Standards and FCAT 2.0

What is Webb's Depth of Knowledge?

Webb's Levels of Cognitive Complexity

- ▣ **Low Complexity** relies on the recall, observe, question, or represent basic facts. Requires only basic understanding of the text. (Solving a one step problem)
- ▣ **Moderate Complexity** involves two steps: comprehension and subsequent processing of text. Requires explanation, description, or interpretation. (Solving a two step problem)
- ▣ **High Complexity** requires students to engage in more abstract reasoning, planning, analysis, synthesis, judgment, and creative thinking. Requires explanation, generalizations, or multiple connections. Must be able to support thinking.

MATH FCAT 2.0

How Has the Content Changed?

Mathematics

2010-11

- ▣ There are fewer benchmarks**
- ▣ Benchmarks are grade level specific**
- ▣ Depth and rigor has been increased**
- ▣ The process is as important as the product**
- ▣ Next Generation Sunshine State Standards (NGSSS) are assessed**
- ▣ Reference Sheet – Grade 5**

How has the content changed?

Mathematics

2010-11

- ▣ **New Item Specifications have been released**
 - **Provides:**
 - ▣ **Changes in content limits**
 - ▣ **New benchmarks assessed**
 - ▣ **Changes in how items are assessed will be updated on the DOE website in November/December 2010**
 - ▣ **Sample items**

Examples of NGSSS Changes

Benchmark	Sunshine State Standards	NGSSS
MA.K.G.2.3 Identify, name, sort 3D shapes such as spheres, cubes, cylinders	3 rd Grade	Kindergarten
MA.3.A.4.1 Create analyze, and represent patterns and relationships using words, variables, tables and graphs	5 th Grade	3 rd Grade
MA.5.A.6.3 Describe real world situations using positive and negative numbers	6 th Grade	5 th Grade

Cognitive Complexity

Grades	Low	Moderate	High
3-4	25-35	50-70	5-15
5	10-20	55-75	10-20

Reading FCAT 2.0

How are the FCAT and FCAT 2.0 different in Reading?

- Greater number of reading passages from the public domain, such as historical documents and works by classical authors.(e.g. Bill of Rights, Twain, etc.)
- No performance task items ONLY multiple-choice items.
- Greater number of test items that require reasonable inferences and reasonable prior knowledge.

FCAT 2.0 Reading Percentage of Points by Cognitive Complexity Level

Grade (s)	Low Complexity	Moderate Complexity	High Complexity
3	25 - 35%	50 - 70%	5 - 15%
4*	20 - 30%	50 - 70%	10 - 20%
5-7	15 - 25%	50 - 70%	15 - 25%
8*	10 - 20%	50 - 70%	20 - 30%
9*	10 - 20%	50 - 70%	20 - 30%
10	10 - 20%	45 - 65%	25 - 35%

What are FCAT 2.0 Item Specifications?

- ▣ ***Item Specifications*** ensure that test items are developed to measure concepts presented in each benchmark.
- ▣ ***Item Specifications*** are a resource which can help educators understand the design of FCAT 2.0.
- ▣ **Provide both general and specific specifications for how test items will be written.**

New Reporting Categories

SSS 1996	SSS 2007
Words and Phrases in Context	Vocabulary
Main Idea, Plot, and Purpose	Reading Application
Comparisons and Cause/Effect	Literary Analysis - Fiction & Nonfiction
Reference and Research	Informational Text - Research Process

Types of Reading Text

Grade	Literary Text	Informational Text
3	60%	40%
4	50%	50%
5	50%	50%
6	50%	50%
7	40%	60%
8	40%	60%
9	30%	70%
10	30%	70%

Types of Literary Text

Fiction

- Short stories
- Poetry *
- Historical fiction
- Fables *
- Folk tales, tall tales
- Legends
- Myths
- Fantasy
- Drama *
- Excerpts from longer works

Nonfiction

- Biographical and autobiographical sketches
- Diaries, memoirs, journals, letters
- Essays
(personal and classical narratives)
- Critiques

Types of Informational Text

Primary Sources/Nonfiction

- Historical documents
(e.g., Bill of Rights)
- Essays
(e.g., informational, persuasive, analytical, historical, scientific)
- Letters, journals, diaries

Secondary Sources/Nonfiction

- Magazine articles
- Newspaper articles
- Editorials
- Encyclopedia articles

Functional Materials

- Consumer documents
(e.g., warranties, manuals, contracts, applications)
- Embedded in text
(e.g., tables, charts, maps, graphs, illustrations, photographs, captions, text boxes)
- How-to articles
- Brochures, fliers
- Schedules
- Website pages

Length of Texts

Grade	Range of Number of Words per Text	Average Number of Words per Text
3	100-700	500 Previously 350
4	100-900	500 Previously 400
5	200-1000	600 Previously 450
6	200-1100	700 Previously 500
7	300-1100	700 Previously 600
8	300-1200	700 Previously 700
9	300-1400	900 Previously 800
10	300-1700	1000 Previously 900

Teaching Reading is Urgent!!!

Adapted from Anderson, Wilson, Fielding, 1988

Percentile Rank	Reading Minutes Per Day	Words Read Per Year
98	65.0	4,358,000
90	21.2	1,823,000
80	14.2	1,146,000
70	9.6	622,000
50	4.6	282,000
40	3.2	200,000
30	1.3	106,000
20	0.7	21,000
10	0.1	8,000
2	0.0	0

Reading Update – Spring 2011 Tests

- ▣ **Spring 2011 FCAT 2.0 Reading tests in Grades 3–10 align with the 2007 State Standards.**
- ▣ **No performance tasks in any grade.**

FCAT 2.0 Reading Reporting Categories

GRADE	VOCABULARY	READING APPLICATION	LITERARY ANALYSIS (FICTION AND NON- FICTION)	INFORMATIONAL TEXT/RESEARCH PROCESS
3-7	15-25%	25-35%	25-35%	15-25%
8-10	15-25%	20-30%	20-30%	25-35%

Mathematics Update – Spring 2011 FCAT/ FCAT 2.0 Tests

- ▣ **Spring 2011 FCAT 2.0 tests in Grades 3–8 align with the 2007 NGSSS.**
- ▣ **Gridded-response items appear in Grades 4-8. (4th graders will have gridded response for the first time)**
- ▣ **No performance tasks in any grade.**

FCAT 2.0 Mathematics Reporting Categories

GRADE	CATEGORY	PERCENTAGE
3	Number: Operations, Problems, and Statistics	50
	Geometry and Measurement	30
	Number: Fractions	20
4	Number: Operations and Problems	45
	Geometry and Measurement	30
	Number: Base Ten and Fractions	25
5	Number: Base Ten and Fractions	50
	Geometry and Measurement	30
	Expressions, Equations, and Statistics	20

Science Update – Spring 2011

FCAT Tests

- ▣ **Grades 5 and 8 tests align with the 1996 SSS**
- ▣ **Multiple-choice items only**
- ▣ **No performance tasks**
- ▣ **Embedded field test items align with 2008 NGSSS**

Writing Update

- **No December 2010 Writing field test**
- **2011 FCAT Writing test will consist of one prompt at each grade**
- **Grade 4 - Narrative or expository**
- **Prompt type not announced in advance**
- **One scorer per student response with 20% of student responses receiving a second score for quality control purposes**

2011 Daily Session Schedule

Day 1 Monday April 11	Day 2 Tuesday April 12	Day 3 Wednesday April 13	Day 4 Thursday April 14	Day 5 Friday April 15
Session 1 3rd & 4 th Reading 70 min. 5 th – Math 70 min.	Session 2 3rd & 4 th Reading 70 min. 5 th – Math 70 min.	Session 3 3rd & 4 th Math 70 min. 5 th – Reading 70 min. FCAT Wednesday All students K-12 will not have early release	Session 4 3rd & 4 th Math 70 min. 5 th – Reading 70 min	Make-ups Reading and Math 3rd – 5th
Day 6 Monday April 18	Day 7 Tuesday April 19	Day 8 Wednesday April 20	Day 9 Thursday April 21	Day 10 Friday April 22
Make-ups Reading and Math 3rd – 5th	Session 5 5 th Science 55 min. Make-ups Reading and Math grades 3 rd and 4 th	Session 6 5 th Science 55 min. Make-ups Reading and Math grades 3 rd and 4 th	Make-ups Reading and Math 3rd – 5th	Make-ups Reading and Math 3rd – 5th

Reporting Schedule

Florida Statute: Scores for Spring Writing, Reading, Mathematics, and Science Assessments reported no later than the week of June 8, 2011.

FCAT 2.0 Reporting

- **This year, FCAT and FCAT 2.0 scales will be linked using a statistical process similar to equating. Student results will be reported on the FCAT scale with FCAT achievement levels.**
- **Next year, a new FCAT 2.0 scale will be developed based on data analysis in the fall, and the new FCAT 2.0 scale and achievement levels will be used for Spring 2012 score reporting.**

Resources for Interpretive Products and Updates

Reminder:

Eliminated Interpretive Products

- ▣ **FCAT interpretive products no longer available.**
 - ***Florida Reads! Writes! Solves! Inquires! CD***
 - ***Keys to FCAT***
 - ***Understanding FCAT Reports***
 - **Parent Results Folder**

Are We Preparing our Students?

This year's 7th grade students

- **Required to pass EOCs in Algebra I, Geometry, and Biology to graduate**
- **Earn credit in Algebra II**

This year's 5th and 6th grade students

- **Required to pass EOCs (end of course exams) in Algebra I, Geometry, and Biology to graduate**
- **Earn credit in Algebra II, Chemistry or Physics and an equally rigorous science course.**

Are We Preparing our Students?

This year's K-4 students

- **Required to pass EOCs in Civics, Algebra I, Geometry, and Biology to graduate**
- **Earn credit in Algebra II, Chemistry or Physics and an equally rigorous science course.**