

# Mathematics Education in Florida

## UPDATES...

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## Bureau Information

*New Name-* Bureau of Standards and  
Instructional Support (BSIS)

*New Chief-* TBD

*New Science & Social Studies Specialists-* TBD

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The name was once the Bureau of Instruction and Innovation (BII) and then transitioned to the Bureau of Curriculum and Instruction (BCI). Because the Florida Department of Education (FDOE) does not mandate curriculum, it was decided to once again change the name of the bureau. Regardless, the url is still <http://www.fldoe.org/bii>.

Side note... The url to directly access the STEM page is  
<http://www.fldoe.org/bii/oms.asp>.

# Standards Information

## MACC v MAFS



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Current statute says “Next Generation Sunshine State Standards”, but when referring specifically to CCSS, it states “Next Generation Sunshine State Standards (Common Core).” Statute changes annually.

Regardless, some of you have noticed on CPALMS that some standards say MAFS instead of the MACC that you’re used to seeing. MACC stands for Mathematics Common Core, and MAFS stands for Mathematics Florida Standards. Nothing is permanent until it is approved by the State Board of Education. Therefore, IGNORE the 2014-2015 course descriptions right now.

None of this should change the goal- quality instruction. Don’t get side-tracked with the changes that won’t make a difference to instruction.

# Proposed Standards Changes

*Updated-* 24 standards

*Deleted-* 2 standards (both in elementary)

*New-* 8 standards (7 in elementary and  
1 in secondary)

*Kept NGSSS-* 52 standards

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Again, nothing is permanent until it is approved by the State Board of Education, but the following sixteen slides show the standards that have proposed changes and which mathematics courses will be affected. Details can be found at <http://www.fldoe.org/eduaccsummit.asp>.

Wording was changed/added to 24 standards for clarity. Two standards were deleted, one of which was moved to a new grade level becoming a new standard in that grade. There were 8 newly created standards. Some say that there are 60 newly created standards because they are combining the 8 with the 52, but those 52 NGSSS standards that have been kept are all from the calculus strand. The wording was not changed in any way. They need to be kept in order for Pre-Calculus and Calculus to still be offered.

The new standards have an *a* or a *b* as the 5th place holder in order not to mess up any of the clusters. They can be seen on CPALMS at <http://www.cpalms.org/Public/search/Search>. Click *CCSS: Mathematics*. Choose the appropriate grade level, domain, and cluster. Remember, the standard with *a* or *b* as the 5th place holder is the new standard.

The updated standards can be seen on CPALMS at <http://www.cpalms.org/Public/search/Search>. Type *mafs* as the keyword.

5012020  
Mathematics - Grade Kindergarten

*Updated-* K.CC.1.3 and K.OA.1.2

*Deleted-* K.OA.1.3

*New-* K.OA.1.a and K.MD.1.a

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K.MD.1.a is the standard that was deleted from 1<sup>st</sup> grade- 1.MD.1.2

K.OA.1.3 was deleted as it was determined that it is covered within K.OA.1.a

5012030  
Mathematics - Grade One

*Updated-* 1.NBT.2.2 and 1.OA.1.1

*Deleted-* 1.MD.1.2 (new K.MD.1.a)

*New-* 1.MD.1.a and 1.MD.2.a

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5012040  
Mathematics - Grade Two

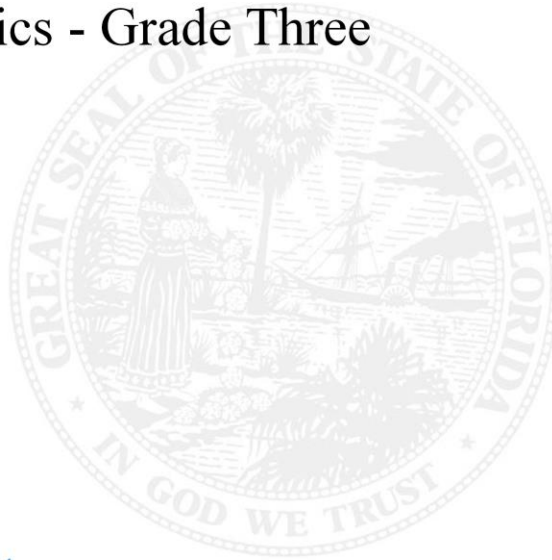
*Updated-* 2.MD.1.1, 2.MD.1.2, 2.MD.1.3,  
2.MD.3.7, and 2.MD.3.8

*New-* 2.OA.1.a

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5012050  
Mathematics - Grade Three

*Updated-* 3.MD.1.2



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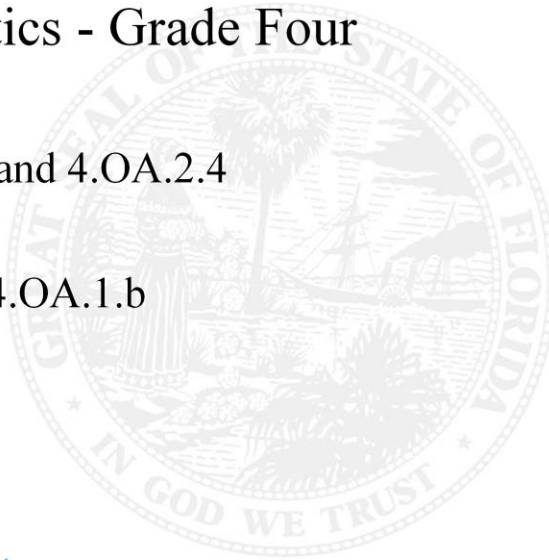


5012060  
Mathematics - Grade Four

*Updated-* 4.MD.1.2 and 4.OA.2.4

*New-* 4.OA.1.a and 4.OA.1.b

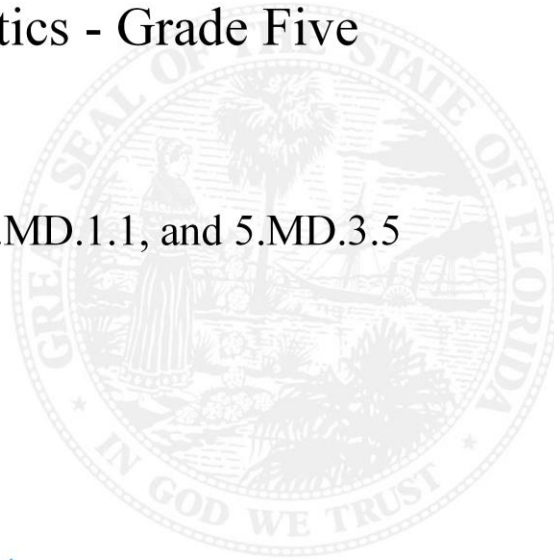
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5012070  
Mathematics - Grade Five

*Updated-* 5.G.2.4, 5.MD.1.1, and 5.MD.3.5

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## *Updated-* 6.RP.1.3

### *Courses Affected*

- 1205010: M/J Mathematics 1
- 1205020: M/J Mathematics 1, Advanced
- 1204000: M/J Intensive Mathematics (MC)

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There was also 1 ESE course affected by this update.

## *Updated- 912.A-CED.1.1*

### *Courses Affected*

- 1200310: Algebra 1
- 1200315: Algebra 1 for Credit Recovery
- 1200320: Algebra 1 Honors
- 1200330: Algebra 2
- 1200335: Algebra 2 for Credit Recovery
- 1200340: Algebra 2 Honors
- 1200370: Algebra 1-A
- 1200375: Algebra 1-A for Credit Recovery
- 1200380: Algebra 1-B
- 1200385: Algebra 1-B for Credit Recovery
- 1200400: Intensive Mathematics
- 1200410: Mathematics for College Success
- 1200700: Mathematics for College Readiness
- 1208290: Liberal Arts Mathematics 1

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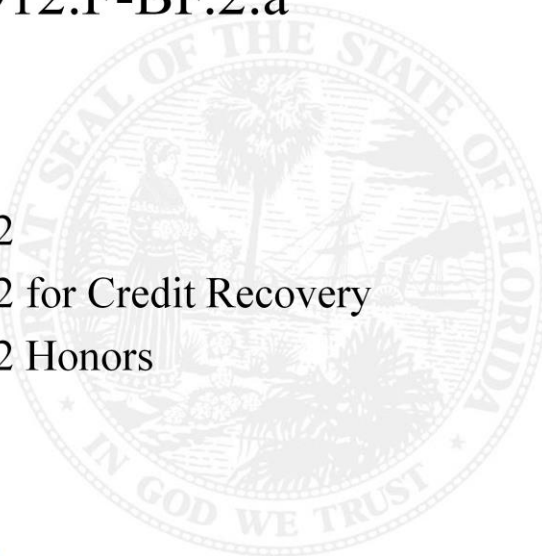
There was also 1 ESE course affected by this update.

## *New- 912.F-BF.2.a*

### *Courses Affected*

- 1200330: Algebra 2
- 1200335: Algebra 2 for Credit Recovery
- 1200340: Algebra 2 Honors

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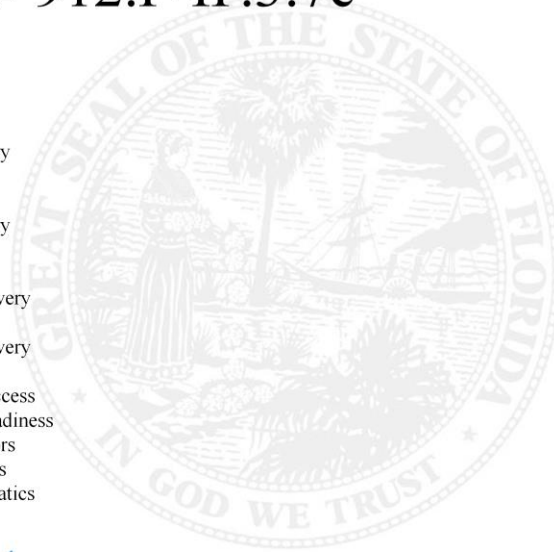


## *Updated- 912.F-IF.3.7e*

### *Courses Affected*

- 1200310: Algebra 1
- 1200315: Algebra 1 for Credit Recovery
- 1200320: Algebra 1 Honors
- 1200330: Algebra 2
- 1200335: Algebra 2 for Credit Recovery
- 1200340: Algebra 2 Honors
- 1200370: Algebra 1-A
- 1200375: Algebra 1-A for Credit Recovery
- 1200380: Algebra 1-B
- 1200385: Algebra 1-B for Credit Recovery
- 1200400: Intensive Mathematics
- 1200410: Mathematics for College Success
- 1200700: Mathematics for College Readiness
- 1201300: Mathematical Analysis Honors
- 1201315: Analysis of Functions Honors
- 1298310: Advanced Topics in Mathematics

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There were also 45 science courses affected by this update.

## *Updated- 912.F-TF.1.1*

### *Courses Affected*

- 1200330: Algebra 2
- 1200335: Algebra 2 for Credit Recovery
- 1200340: Algebra 2 Honors
- 1202340: Pre-Calculus Honors
- 1211300: Trigonometry Honors

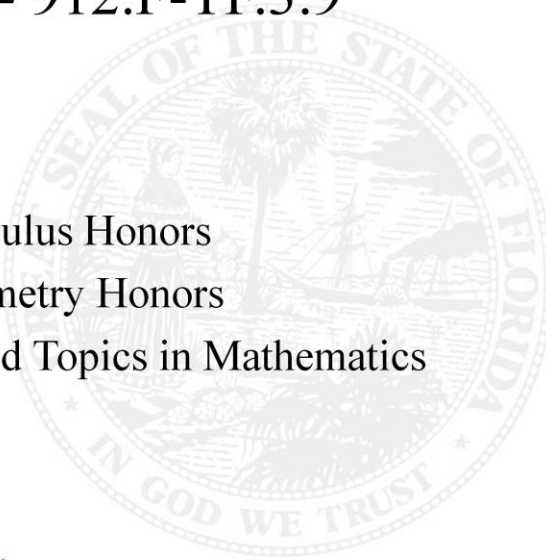
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## *Updated-* 912.F-TF.3.9

### *Courses Affected*

- 1202340: Pre-Calculus Honors
- 1211300: Trigonometry Honors
- 1298310: Advanced Topics in Mathematics

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## *Updated- 912.G-CO.2.8*

### *Courses Affected*

- 1200400: Intensive Mathematics
- 1206300: Informal Geometry
- 1206310: Geometry
- 1206315: Geometry for Credit Recovery
- 1206320: Geometry Honors

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## *Updated- 912.G-CO.3.9*

### *Courses Affected*

- 1200400: Intensive Mathematics
- 1206310: Geometry
- 1206315: Geometry for Credit Recovery
- 1206320: Geometry Honors

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## *Updated-* 912.G-CO.3.10

### *Courses Affected*

- 1200400: Intensive Mathematics
- 1206310: Geometry
- 1206315: Geometry for Credit Recovery
- 1206320: Geometry Honors

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## *Updated-* 912.G-CO.3.11

### *Courses Affected*

- 1200400: Intensive Mathematics
- 1206310: Geometry
- 1206315: Geometry for Credit Recovery
- 1206320: Geometry Honors

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## 2013-2014 Courses

*There are 6 courses, outside of those that have a blended course description, that still contain NGSSS.*

*What will happen?*

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The following four slides show the effect.

## Liberal Arts Mathematics 1 and 2

*The financial literacy standards from NGSSS will be removed from both courses, but the courses will remain.*

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Though financial literacy is very important, that will no longer be held within the mathematics standards. New financial literacy standards, once approved, will be housed with the social studies standards and placed in the economics course(s).

## Pre-Calculus Honors and Calculus Honors

*These courses will remain, and the 52 standards  
in the calculus strand of the NGSSS will become  
Florida's Standards.*

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Remember, wording was not changed in any way.

## Advanced Algebra with Financial Applications

*This course will be daggered and unavailable for  
use in 2015-2016.*

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Be careful. If you offer this course in 2014-2015 and a student fails, how will they grade recover?



## Analytic Geometry Honors

*This course will be daggered and unavailable for use in 2015-2016.*

*There are no AP courses that could be substituted, but consider dual enrollment Analytic Geometry (MACX154).*

(<http://www.fldoe.org/articulation/pdf/DEList.pdf> bottom of page 7)

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Be careful. If you offer this course in 2014-2015 and a student fails, how will they grade recover?

## Course Code Directory (CCD)

*The 2014-2015 CCD cannot be posted until it is approved by the State Board of Education.*

*It will go before the Board at the February 18<sup>th</sup> meeting.*

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Remember, you can access information about the Board meetings at <http://www.fldoe.org/board/meetings/>. You can also watch them live or the archived copies. The Florida Channel also has the archived versions available for your watching pleasure.

## Instructional Materials

- deadline extended
- over 150+ bids
- Courses were removed from the reviewing process.

Contact [Katrina.Figgett@fldoe.org](mailto:Katrina.Figgett@fldoe.org) or  
[Genevieve.English-Charles@fldoe.org](mailto:Genevieve.English-Charles@fldoe.org).

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The deadline for completion of the 2013-2014 Instructional Materials Adoption (6-12) has again been extended. Please note, there were over 150+ bids that must be evaluated by two expert reviewers, and upon a tie, a third expert reviewer will be allocated as a tie-breaker. Currently, we removed four mathematics courses from the current 2013 adoption schedule due to lack of reviewers recruited and follow-through of allocated bids by some reviewers. Although more reviewers were recently acquired, many who had initially offered to help have dropped out. Per Instructional Materials, if at least 20 more reviewers are not obtained, the **middle school mathematics** submissions for the 2013-2014 Instructional Materials Adoption (6-12) will not be reviewed. Please reach out to any and all who you think are qualified to review these materials. Instructional Materials has said that it is *not* mandatory for the reviewers to be in Florida, though a familiarity/knowledge of Florida's standards would obviously be helpful!

Please have all interested parties contact the instructional materials team ([Katrina.Figgett@fldoe.org](mailto:Katrina.Figgett@fldoe.org) or [Genevieve.English-Charles@fldoe.org](mailto:Genevieve.English-Charles@fldoe.org)) immediately and directly.

# Spring 2014 Statewide Assessment

- additional scheduling flexibility
- optimal instructional time

**Contact** [Assessment@fldoe.org](mailto:Assessment@fldoe.org).

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In an effort to provide school districts with additional scheduling flexibility and optimal instructional time prior to testing, the spring 2014 EOC assessment schedule has been modified as follows.

- Subjects may be administered in ANY order, by school, based on the needs of students within that school. One subject test does not need to be completed before another begins, and subject tests may be administered concurrently. All subjects may begin on April 21;however, districts must complete all testing by the designated date for each subject area.
- U.S. History, Civics, and Algebra 1 administrations must be completed no later than May16.
- Biology 1 and Geometry administrations must be completed no later than May 23.
- This additional scheduling flexibility will allow for all makeup tests for absent students to be administered during the regular testing window, which will ensure that these students

## Retake Opportunities for FCAT Mathematics

- ~10,000 remaining students required to pass
- three additional administrations

**Contact** [Assessment@fldoe.org](mailto:Assessment@fldoe.org).

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Due to interest expressed on behalf of the approximately 10,000 remaining students required to pass the FCAT Mathematics Retake who have not yet met this graduation requirement, the department will offer three additional administrations of the FCAT Mathematics Retake. These administrations are being implemented to provide opportunities for students who entered grade 9 in 2009 or earlier to meet the mathematics assessment graduation requirement at no cost to students. ACT and SAT concordant scores may still be used to meet this requirement, as described in the document at <http://fcats.fldoe.org/pdf/fcatpass.pdf>. Please note the following.

- The FCAT Mathematics Retake will be administered in spring and fall of 2014 and for the last time in spring of 2015.
- The spring 2014 FCAT Mathematics Retake will be administered during the currently established administration window for the FCAT 2.0 Reading Retake (April 7-15).

# Resources

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Bureau of Standards and Instructional Support

Resources

**Memorandums**

- Florida Teacher Quality Grant Call for Proposals PDF
- Florida Teacher Quality Grant RFP PDF
- DOE 100A (Nov 10th)
- DOE 101S (Nov 10th)
- Equusoft Asset Questions PDF (11/10)
- Updated LEA Eligibility List PDF (11/10)
- Certification of Fidelity of Implementation of Instructional Materials (DPS 2011-47) 4/15/2011 PDF
- Certification of Fidelity of Implementation of Instructional Materials - Attachment A PDF
- Public Review of Draft EOCAT 2.0 and Algebra 1 EOC Assessment Achievement Level Descriptions (DPS 2011-41) 3/24/2011 PDF
- 2011 Summer Reading Camps Planning and Reporting (DPS 2011-52) 3/11/2011 PDF
- 2011 Summer Reading Camps Planning and Reporting - Attachment A PDF
- 2010-2011 Updated Approved List of Instructional Materials (DPS 2011-25) 2/28/2011 PDF
- Announcement of 2011-2012 Instructional Materials Adoptions (DPS 2011-46) 2/15/2011 PDF
- 2011 Career and Technical Education Professional Development Integration Institute (DPS 2011-11) 2/3/2011 PDF
- 2011 Career and Technical Education Spring Professional Development Integration Institute - Attachment A PDF
- Implementing the Test Connection Sunshine State Standards for Mathematics with Fidelity (DPS 2011-13) 1/31/2011 PDF

**Newsletters**

- December 2013 PDF (10/8)
- September 2013 PDF (10/8)
- July 2013 PDF (10/8)
- May 2013 PDF (10/8)
- April 2013 PDF (10/8)
- February 2013 PDF (10/8)
- January 2013 PDF (10/8)
- November 2012 PDF (10/8)
- August 2012 PDF (10/8)
- May 2012 PDF (10/8)

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I'm sure that you receive many e-mails from me, but if you're ever in doubt or also want information about what's happening in the other content areas, visit the Bureau's website. Click *Resources* on the left. The Bureau tries to post newsletters every month, but sometimes it is not feasible. Regardless, when a newsletter is compiled, it is posted here. One for January 2014 is currently being developed.



Presidential Awards for Excellence  
in Mathematics and Science Teaching

**NOMINATIONS ARE NOW OPEN**

The 2014 Awards will honor mathematics and science (including computer science) teachers working in grades K-6. Nominations close on **April 1, 2014**.

[Nominate a Teacher](#)

**TEACHERS: APPLY ONLINE**

Before logging in, please review the [2013-2014 Application Packet \(Adobe PDF\)](#). Applications must be completed by **May 1, 2014**.

[Begin or Resume an Application](#)



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Both the nomination and application functions have been opened for the 2013-2014 K-6 competition on the PAEMST website found at <https://www.paemst.org>.

## The Department is Here to Help!

[BEES](#): Bureau of Exceptional Education in Student Services

[BSI-DA](#): Bureau of School Improvement-Differentiated Accountability

[BSIS](#): Bureau of Standards and Instructional Support

[BSALA](#): Bureau of Student Achievement through Language Acquisition

[CTE](#): Career and Technical Education

[JRF](#): Just Read, Florida!

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We work closely with the district supervisors!!! Sometimes when you contact us, our first question will be, “Have you called your district supervisor?”



## Q & A

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E-mail me and/or call me anytime!