



THE BUREAU OF STANDARDS AND INSTRUCTIONAL SUPPORT

MISSION

Our **MISSION** is to provide quality services, resources, guidance and professional development to our educational partners.

BUREAU OF STANDARDS &
INSTRUCTIONAL SUPPORT

VISION

Our **VISION** is that all stakeholders are equipped and empowered to guide students to reach their full potential.

CPALMS

CPALMS offers online tutorials for you.

If you want to learn more about all CPALMS has to offer, check out the online tutorials. These tutorials can be accessed from the CPALMS homepage by scrolling to the bottom and navigating to the Support heading. Click on Online Tutorials and you will be brought to a page that contains general informational videos and tutorials on how to use CPALMS and iCPALMS. The short informational videos provide information on a variety of topics such as professional development, content complexity ratings and the Mathematics Formative Assessment System (MFAS). The online tutorials teach you how to use many of the CPALMS features including how to browse and search for standards, locate course descriptions, use the My Planner app within iCPALMS and more.

For assistance with anything CPALMS related, please view these online tutorials. The tutorials can also be accessed at this direct link: http://www.cpalms.org/support/Tutorials_and_Informational_Videos.aspx.

Social Studies

In July, a professional learning activity on the importance of aligning curriculum, instruction and assessment (CIA) was facilitated. The target audience was teachers of middle grades Civics and high school United States History EOC Assessment courses; however CIA alignment is important for teaching and learning beyond the scope of the audience that day. This article offers readers some select strategies to consider for aligning CIA. CIA alignment starts with knowing what content knowledge and skills your students are required to learn. CPALMS is the state of Florida's official source for standards information and course descriptions. In addition to CPALMS, middle grades Civics and high school United States History teachers may consult their respective Test Item Specifications for additional information.

September 2016

Bureau Chief
Dr. Kathy Nobles
LaKeesha Parker
Scott Gann

Healthy Schools Director
Penny Taylor
Michelle Gaines
Nichole Wilder
Ksenia Zipperer
Petricia Sailor

Standards Director
Ann Whitney
Julia Somers-Arthur
Jennifer Infinger
Michael DiPierro
Cheryl Finkbeiner

Instructional Materials Director
Cathy Seeds
Ritu Badaya

Office of Math & Science Director
Katrina Figgitt
Heidi Brennan
Rashad Bennett
Shelly Miedona
April Drennan
Ashley Palelis

School Counseling Consultant
Helen Lancashire

**For more information,
contact:
850-245-0423**



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

One strategy for aligning CIA is to use the Next Generation Sunshine State Standards (NGSSS) to write learning objectives. For example, a learning objective based on “SS.912.A.2.2 Assess the influence of significant people or groups on Reconstruction” might state: “Students will be able to assess the influence of significant people or groups on Reconstruction.” Considering the complexity demanded of this standard, it might be helpful to write scaffolded standards-based learning objectives. A low complexity objective may require students to identify significant people or groups that influenced Reconstruction, whereas a moderate complexity learning objective may read: “Students will be able to categorize significant people or groups that influenced Reconstruction.” In each of the three learning objectives presented, the content requirements included in SS.912.A.2.2 do not change, while the level of complexity does. Ultimately, all students must learn the content and skills demanded by each standard as they are described in the standard, despite the amount of scaffolding required to build student capacity. Instructional activities and assessment aligned to each of the aforementioned learning objectives will look different since each objective is different. Instruction at the mastery level of the SS.912.A.2.2 may lead students to rank and justify the influence of significant people or groups on Reconstruction.

Student learning as measured against the learning objective can be formatively assessed in many ways. Some suggestions include having students complete a rank order and justification graphic organizer, creating a class spectrum ranking and justifying the influence of people and groups, or in small groups, having students create a poster ranking and justifying the influence of people or groups. In the last formative assessment example, the posters can be used as part of a gallery walk and to encourage cooperative learning among groups as students justify and defend their order. The gallery walk strategy provides the teacher an opportunity to offer feedback to students in real time.

While this was just one suggestion for aligning CIA, it serves as an entry point for reflecting on how CIA is aligned in your social studies classrooms. For more information or to share your ideas, contact Michael DiPierro, Social Studies Education Specialist, at Michael.DiPierro@fldoe.org or 850-245-9773.

Resources:

CPALMS <http://www.cpalms.org/Public/>

Test Item Specifications <http://www.fldoe.org/accountability/assessments/k-12-student-assessment/end-of-course-eoc-assessments/index.shtml>

There are a number of practical and useful social studies resources for teachers and also for students and parents now available on the department website at <http://www.fldoe.org/academics/standards/subject-areas/social-studies/>.

Health

2016 Society of Health and Physical Educators (SHAPE) Florida Convention

The 2016 SHAPE Florida Convention, “Shaping Our Future” will be held November 3-5, 2016, at the Embassy Suites Lake Buena Vista South. This annual convention is planned for educators, directors, administrators, supervisors, researchers, leaders in the areas of Health Education and Physical Education and students majoring in these programs.

- Over 100 program sessions and nine pre-convention workshops will be held on Thursday, November 3. All pre-conference workshops are free with convention registration.
- Your SHAPE Florida membership must be current through November 30, 2016, or you will need to renew or join SHAPE Florida as a part of the convention registration process.
- To make hotel reservations, please call the Embassy Suites Lake Buena Vista South, Kissimmee, Fla., at 1-800-551-1841. To receive the discounted rates, you must indicate that you are with SHAPE Florida and use the group code SAP. The room block expires on October 2, 2016 (or until the block is full).
- The Friday night all-convention event with an “All Sports” theme will be held from 7:30-10:00 pm. The event is included in your convention registration and promises to be great fun with food, games, music, dancing, prizes and more! Dress in your favorite team uniform, jersey or creative costume.
- Registration is now open! Click [here](#) to register for the 2016 SHAPE Florida Convention.

Comprehensive Health Education

Health education is integral to the primary mission of schools and provides students with the knowledge and skills they need to be healthy throughout their lifetimes. Comprehensive health education addresses 12 required component areas for instruction under section 1003.42 (2)(n), Florida Statutes. To assist teachers and others who integrate health education, the elementary and secondary toolkits were created to provide a range of tools, websites, lessons and information. The toolkits are available at [FDOE Comprehensive Health Education webpage](#).

Do Your Students Need Health and Dental Insurance?

Through Florida KidCare, the state of Florida offers health insurance for children from birth through the end of age 18, even if one or both parents are working. When families apply for the insurance, they are assigned to the appropriate Florida KidCare program based on age and family income:

- MediKids (subsidized and full-pay): 1-4 years
- Florida Healthy Kids (subsidized and full-pay): 5-18 years
- Children's Medical Services (CMS): birth-18 years, with special health care needs
- Medicaid: age-based eligibility tied to Federal Poverty Level

All Florida KidCare programs, including Florida Healthy Kids, cover doctor visits, checkups, immunizations, surgeries, prescriptions, emergencies, dental care and more. Many Florida KidCare families pay as little as \$15 a month – and many other families pay nothing at all. Families that do not qualify for subsidized coverage can still utilize the full-pay option. Apply year-round at www.floridakidcare.org or call 1-888-540-5437.

Human Trafficking Awareness

Human trafficking is exploiting a person through force, fraud or coercion for the purpose of forced labor and/or commercial sex. Victims of human trafficking include men, women, boys, girls and transgender individuals. The following resource has been created to assist districts and schools to increase their anti-trafficking education: [Florida Department of Education \(FDOE\) Human Trafficking Fact Sheet for Schools](#) (PDF). Please view the Hillsborough County School District [student-led PSA](#) that brings awareness to teen trafficking and offers tips on how to stay safe.

Library Media

Florida Power Library Schools

The 2016 designations for new and renewing Florida Power Library Schools (FPLS) have been announced. The Florida Department of Education partners with the Florida Association of Supervisors of Media (FASM) to co-sponsor the FPLS program. The program highlights schools with a collaborative approach to improving student achievement. This year, six new schools earned a FPLS designation and six more renewed their designation.

FPLS are identified through a competitive application process, and the selected school library media programs must meet the outstanding criteria outlined in the Library Media Services' ExC³EL evaluation rubric, demonstrating excellent collaboration with the main stakeholders in the educational process, students, parents, teachers and administrators.

During the five-year award period, FPLS faculty members commit to increasing collaborative teaching and learning, to developing an action plan for continued improvement and professional growth, and to mentoring other schools in their district and/or region.

More information about the FPLS program and a list of winning schools can be found at <http://www.flpowerlibraries.com/>.

Fine Arts

Student Opportunities

VSA Florida Young Soloist

VSA Florida is proud to announce our annual statewide program featuring the talent of Florida's young musicians. Prior to the application process for the International Young Soloist Program each year, VSA Florida facilitates an adjudicated statewide program to recognize the talent of our young musicians. Finalists selected by a panel of judges are given a chance to perform at a professional venue to be determined each year. These finalists, as well as all other applicants, will represent Florida by having their musical entries sent to Washington, D.C., to compete in the VSA International Young Soloist Program. More information about the competition can be found at <http://vsaf.org/programs/young-soloist>.

National YoungArts Foundation

YoungArts is an application-based award for emerging artists ages 15–18, or in grades 10–12, from across the United States. Students can apply in any of the following disciplines: cinematic arts, classical music, dance, design arts, jazz, photography, theatre, visual arts, voice and writing. YoungArts Winners are eligible for nomination as a U.S. Presidential Scholar in the Arts, one of the nation's highest honors for high school students who exemplify academic and artistic excellence. Applications are due by October 14, 2016. More information about the competition can be found at <http://www.youngarts.org/apply>.

Teacher Workshops and Opportunities

GRAMMY Signature Schools

GRAMMY Signature School awards are given to high school music programs that are keeping music programs alive and well. Each awarded school receives a GRAMMY Award and cash prize of up to \$10,000. Schools compete in different categories based on excellence or need. Applications are due by October 22, 2016. More information about the grant can be found at <http://www.grammyintheschools.com/programs/grammy-signature-schools>.

The Fender Music Foundation Grant

The Fender Music Foundation awards instruments and equipment to eligible music instruction programs. These items are lightly used, blemished or otherwise imperfect and have been collected from manufacturers and retailers. Descriptions regarding the specific imperfections of each instrument will be available to selected programs. More information about the grant can be found at <http://www.fendermusicfoundation.org/grants/grants-info/>.

Upcoming Conferences

Florida Association for Theatre Education
FATE Conference 2016, Secure your FATE
October 6-8, 2016
Holiday Inn, Lake Buena Vista, FL
<http://fatefirst.com/conference/>

Florida Art Education Association (FAEA)

64th Annual FAEA Conference, 1...2...3D: Art in Real Dimensions

October 6-9, 2016

Naples Grande Beach Resort, Naples, FL

<http://www.faea.org/InnerPage.aspx?id=4>

Florida Dance Education Organization

2016 FDEO Conference, The Art of Teaching: Shaping the Perception and Practice of Dance

October 20-22, 2016

Riviera Hotel, Miami Beach, FL

http://www.fdeo.org/fdeonew/fdeo_conference.html

Florida Music Education Association

2017 FMEA Conference, Diversity in Music Education: Music for ALL!

January 11-14, 2017

Tampa Convention Center, Tampa, FL

<http://fmea.flmusiced.org/conference/>

English Language Arts

Language Arts Resources

Teachers, are you looking for effective ideas to refresh and enliven your instruction? [ReadWriteThink](#), from the National Council of Teachers of English (NCTE), offers a wealth of ideas and tools such as lessons, interactive web resources, graphic organizers and parent/family after school activities. The site is free to use and easily searchable by grade level, type of lesson, learning objective and theme. Below are just a few sample resources for grades 9-10:

- **A Biography Study: Using Role-Play to Explore Authors' Lives**
Students read biographies and explore websites of selected American authors and then role-play as the authors.
- **Analyzing Famous Speeches as Arguments**
Students are often asked to perform speeches, but rarely do we require students to analyze speeches as carefully as we study works of literature. In this unit, students are required to identify the rhetorical strategies in a famous speech and the specific purpose for each chosen device. They will write an essay about its effectiveness and why it is still famous after all these years.
- **And in Conclusion: Inquiring into Strategies for Writing Effective Conclusions**
While drafting a literary analysis essay (or another type of argument) of their own, students work in pairs to investigate advice for writing conclusions and to analyze conclusions of sample essays. They then draft two conclusions for their essay, select one and reflect on what they have learned through the process.
- **Blending the Past with Today's Technology: Using Prezi to Prepare for Historical Fiction**
To prepare for literature circles featuring historical novels, students research the decades of the 1930s to the 1990s and share their information using Prezi, a web application for creating multimedia presentations.
- **Developing Persuasive Arguments through Ethical Inquiry: Two Prewriting Strategies**
In this lesson, students use focused prewriting strategies to explore content and ethical issues related to a persuasive assignment.

Writing Contests

With the school year before us, now is the time to plan for the learning opportunities ahead. Among these are the many valuable experiences offered by national writing competitions to give your students an “audience, task and purpose” for honing their very best thinking and craft. Here are just a few:

- **Daughters of the American Revolution (DAR):** [American History Essay Contest](#) - This contest is open to students in public, private and parochial schools, and registered home-study programs. Students in grades five through eight are encouraged to participate. Each year, a selected topic for use during the academic year is announced, and contest instructions are published online and sent to schools by participating DAR chapters.
- **Prose’s Challenge of the Week:** Flex your creative muscles and try out different forms with this weekly challenge based on a wide variety of prompts. (At the time of writing, the weekly prompt is to write a haiku or tanka.) The winning submission is selected based on factors like “fire, form and creative edge.” Deadline: Weekly.
- **Veterans of Foreign Wars (VFW):** The Voice of Democracy Program is open to students in grades 9-12 (on the Nov. 1 deadline), who are enrolled in a public, private or parochial high school, or home study program in the United States and its territories. The 2016-17 theme is My Responsibility to America. How to enter: [Click here to access the Voice of Democracy 2016-17 entry form and brochure.](#) [To view the complete list of national scholarship awards available, click here.](#)
- **Unified Caring Association Student Essay Contest:** Deadline November 1 (must be received by this date). Neutral free contest awards ten prizes of \$333 apiece for essays, between 500-550 words, by high school juniors and seniors that reflect their personal feelings on the topic of caring, including what caring means to them and how they plan on manifesting caring in their lives. Winning essays may be published online. Limit one essay per student. Entries must include a cover page and a release signed by both the student and their parent/guardian. Submit via email or regular mail.
- **Library of Congress: Letters About Literature** is a reading and writing contest for students in grades 4-12. Students are asked to read a book, poem or speech and write to the author (living or dead) about how the book affected them personally. Letters are judged on state and national levels.
- **Optimist International Essay Contest:** Topic for the 2016-17 School Year is "**Chasing Optimism in the Face of Challenges.**" Who: Youth under the age of 18 as of October 1, 2016, located in the United States, Canada or the Caribbean. Interested students must contact their local Optimist Club. They need to submit an essay on the pre-assigned topic. To find out a contact, please e-mail the Programs Department at programs@optimist.org.

Technology

Tech Chat

The Bureau of Standards and Instructional Support will be conducting a webinar hosted by the instructional technology staff on Thursday, September 29, at 2:00 p.m. The purpose of “Tech Chat!” is to give district leaders in the areas of instructional technology, curriculum and professional development an opportunity to engage with state-level technology staff in an informal setting.

This interactive webinar will feature a presentation from James Welsh, the director of the Florida Center for Instructional Technology (FCIT) at the University of South Florida, with a question and answer session to follow. Afterwards, participants will have an opportunity to share some of the successes they have had in their districts with using technology in classrooms and schools.

Tech Chat! will provide stakeholders at both the district and state level a venue to discuss important issues and exchange ideas about how we can use technology as a tool for teaching and learning. If you are interested in joining us for this webinar or would like more information, please email April Drennan at April.Drennan@fldoe.org. We look forward to meeting you and hearing about all of the innovative things you are doing to help the students of Florida be successful!

Mathematics & Science

Elementary Science

Teaching science in grades 3 and 4 is critical to a student's success on the grade 5 Statewide Science Assessment (SSA). To give more exposure to the important content covered in grades 3 and 4, we will share a resource from FloridaStudents.org each month. This month we chose to highlight *Phases of the Moon*. To show mastery of this standard, students should be able to describe the changes in the observable shape of the moon over the course of about a month. This is a focus for grade 4.

You can access the student resource that supports **SC.4.E.5.2** at <http://www.floridastudents.org/PreviewResource/StudentResource/87782>.

Elementary Mathematics

Standards that fall under the domains of Operations and Algebraic Thinking and Number and Operations-Fractions in grades 4 and 5 lay the conceptual foundation for student success with Algebra I standards. This month's resources are fourth grade fraction standards. In third grade, students gained conceptual understanding of fractions. It is important to teach the fraction standards as a "unit of study" as opposed to one standard at a time. Thinking about how the fraction standards are related and connect to one another will help with planning and mastery. MA.4.NF.1.1 and MA.4.NF.1.2 are two standards that should not be taught in isolation.

You can access nine student resources that support **MA.4.NF.1.1** at

<http://floridastudents.org/BenchmarksList/PreviewStandard?benchmarkLists=5392&subjectAreaId=37&gradeLevelGroupId=5&CourseID=13036#5|5|13036|5392>.

You can access six student resources that support **MA.4.NF.1.2** at

<http://floridastudents.org/BenchmarksList/PreviewStandard?benchmarkLists=5392&subjectAreaId=37&gradeLevelGroupId=5&CourseID=13036#5|5|13036|5392>.

Secondary Mathematics—Algebra I

For students to be successful in Algebra I, they must have a strong foundational understanding of number sense. This month, MAFS.912.A-APR.1.1 will be highlighted. (Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.) To show mastery of this standard, students will relate the addition, subtraction and multiplication of integers to the addition, subtraction and multiplication of polynomials with integral coefficients through application of the distributive property. Students will apply their understanding of closure to adding, subtracting and multiplying polynomials with integral coefficients. Students will add, subtract and multiply polynomials with integral coefficients.

You can access student resources that support **MAFS.912.A-APR.1.1** at the following sites:

<http://www.floridastudents.org/BenchmarksList/PreviewStandard?benchmarkLists=5547&subjectAreaId=37&gradeLevelGroupId=9&CourseID=13010#9|9|13010|5547>

<http://www.mathgoodies.com/lessons/vol7/expressions.html>

<http://www.cpalms.org/Public/PreviewStandard/Preview/5547>

Teacher Workshops

Florida Association of Science Teachers (FAST)

Science is FUNdamental, Relevant, and Engaging!

When: October 20-22

Where: Doubletree Orlando

Registration: <https://fastscience.wildapricot.org/event-2236874>

Florida Council of Teachers of Mathematics (FCTM)

Mathematics to Infinity and Beyond!

When: October 20-22

Where: Doubletree by Hilton Orlando at SeaWorld

Registration: http://conferences.fctm.schoolfusion.us/modules/groups/integrated_home.phtml?&gid=2353293&sessionid=242613d5c189d4d71c10a854199f6bdb

Florida Association of Science Teachers Grant and Award Opportunities for Members

Outstanding Teacher Awards for Elementary, Middle/Junior and High School

Deadline: September 16, 2016

The Outstanding Teacher Awards are designed to recognize the significant contributions of teachers to science education. Teachers are not precluded from nominating themselves. Evidence of the following should be included in the nomination packet:

1. Participating in professional organizations: showing active leadership through participation in professional science and science education organizations at the local, state, and national levels.
2. Maintaining a classroom/laboratory environment that encourages a positive student attitude toward science, enhances student curiosity and participation, and promotes scientific literacy.
3. Developing and using innovative instructional materials and new approaches to the teaching of science.
4. Effectively using community resources including projects, speakers and field trips.
5. Continuing education: attending workshops and professional conferences to continue to develop as an effective educator.

Award of Promise

Deadline: September 16, 2016

The Award of Promise is intended for a teacher with one to three years of experience who has demonstrated an interest and aptitude for teaching science. The same criteria for Outstanding Teacher will be used for evaluation, but consideration will be given to the formative state of the nominee.

Outstanding Science Educator

Deadline: September 16, 2016

The Outstanding Science Educator Award is intended to recognize the singular contributions of an individual for promoting science and science education over a significant period of time. Nominations should include letters of support and other evidence clearly demonstrating how the individual has made unique and extraordinary contributions to science education at the local, district and state level.

Gifted Education

The bureau is pleased to welcome Cheryl Finkbeiner, our new Gifted Education specialist. Cheryl comes to us by way of Collier County where she taught students identified as gifted. You will be hearing more from her in coming issues of our newsletter. In the meantime, you may reach Cheryl at Cheryl.Finkbeiner@fldoe.org or 850-245-5094 with any questions or concerns regarding gifted education in Florida.

Graduation Requirements

The Academic Advisement Flyers – What Students and Parents Need to Know are available in English, Spanish and Haitian Creole on the [Graduation Requirements](#) website. The English versions are linked below.

[Students Entering Grade Nine in the 2016-2017 School Year](#)

[Students Entering Grade Nine in the 2015-2016 School Year](#)

[Students Entering Grade Nine in the 2014-2015 School Year](#)

[Students Entering Grade Nine in the 2013-2014 School Year](#)

Newsletter Survey

Let us know if this newsletter is helpful to you and suggest improvements. Please take a moment to complete this three question survey at <https://www.surveymonkey.com/r/BQ5TXMK>. Thank you for helping us serve you better!