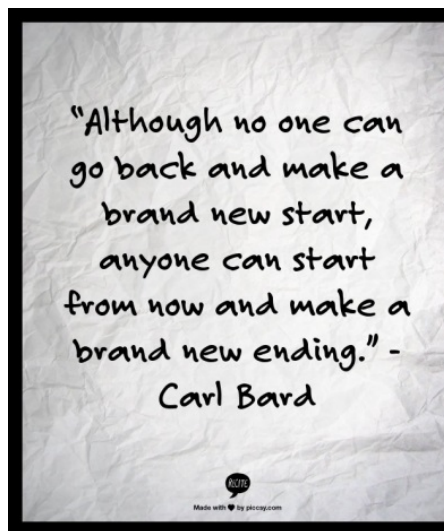




Happy New Year from the NCDPI Elementary Mathematics Team,

We are looking forward once again to working together to make a difference in the education of North Carolina students in 2015.



[Tips to engage, motivate students after winter break](#)

It can be difficult for teachers to get their students' attention when they return from winter break, Judy Willis, a neurologist and former teacher, writes in this commentary. She offers suggestions to help engage and motivate students when they return from break. [The Guardian \(London\)/Teacher Network blog](#)

[How to move from teaching content to teaching learning](#)

"Despite being a fairly universal goal of educators and education systems, producing lifelong learners is not a process that has a set of concrete steps," writes guest blogger Kelly Morgan Dempewolf. In a recent post, Dempewolf shares ways educators can move from teaching content to teaching learning. [Read on.](#)





Coming Soon Community Standards Revision Survey

Standard Review Process	
Oct. – Dec.	Teacher Standards Review Survey
Nov. - Dec.	Teacher Standards Review Work Groups
Opening in Jan	Community Standards Review Survey

State Superintendent Addresses Changes in Standard Course of Study

Dr. June Atkinson shares information on recent Legislative decisions around NC's Standard Course of Study. The decision holds no changes for the 2014-15 school year. Dr. Atkinson outlines the timeline for how the changes will affect NC schools in years to come. **Link:** → [mov, 21.7mb](#)

Frequently Asked Questions

1. What and when are the fall RESA Professional Development sessions?

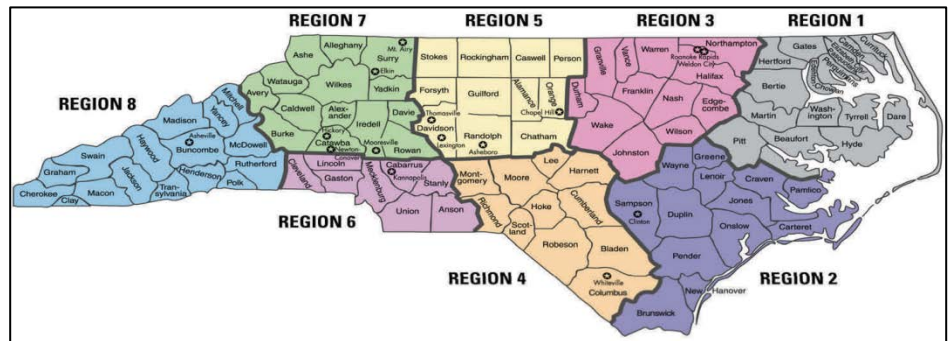


Spring Regional Professional Development

The Spring RESA session participants will learn about the actions required to ensure that all students learn to become mathematical thinkers and are prepared for any academic career or professional path that they choose. Principles to Actions, sets forth a set of strongly recommended, research-informed actions for all teachers, coaches, and specialist in mathematics.

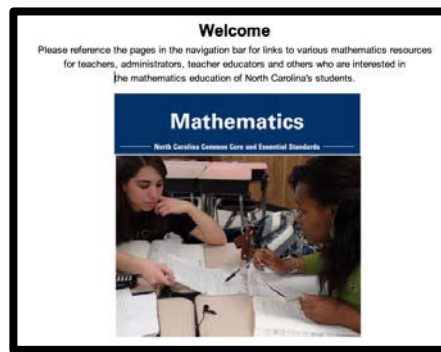
Each participant will receive the book: *Principles to Actions: Ensuring Mathematical Success for All* by National Council of Teachers of Mathematics.

- **Region 1** March 18
- **Region 2** February 12
- **Region 3** January 21
- **Region 4** March 3
- **Region 5** February 25
- **Region 6** February 24
- **Region 7** March 12
- **Region 8** March 11



Please contact your regional PD Lead about this opportunity.

2. **Where can I find support materials and resources for Math?** All NCDPI-produced support materials and resources can be located on the Math Wiki. Go to <http://maccss.ncdpi.wikispaces.net/Home>



NCCTM Eastern Regional Professional Development



**North Carolina Council of Teachers of Mathematics
Eastern Regional Conference
Practicing the Practices
Saturday February 21st
9:00 a.m. - 2:00 p.m.
James Sprunt Community College
Kenansville, NC
[Register Here to Attend by February 1](#)**

NCCTM Central Regional Professional Development

**North Carolina Council of Teachers of Mathematics
Eastern Regional Conference
"Every Student Counts!"
February 21, 2015
9:00-12:30
North Carolina Central University
Durham, NC
Registration is FREE for all participants!
*Interested speakers please [click here](#) to submit proposals by Jan. 24, 2015.
To pre-register to attend the conference [click here](#)
and fill out and submit the registration form by Feb.14,2015.*
**Contact information: Maria Hernandez
hernandez@ncssm.edu****

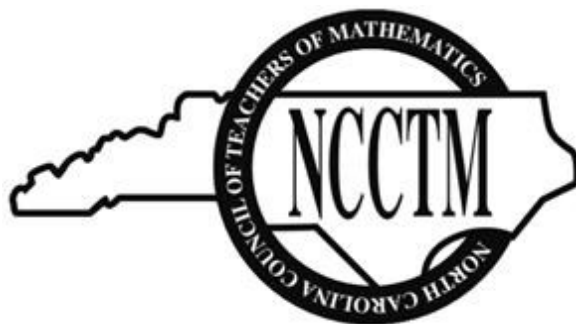


Looking Ahead....

K-2 Mathematics Summative Assessments (2014-2015) are in the process of being vetted and will be given to district leads in March through the district math wiki.

Announcement

2014 North Carolina Council of Teachers of Mathematics Spring Conference



Join the DPI Mathematics Team for this Conference on March 27 in Greensboro

Something to think about

The **National Council for Teachers of Mathematics** is seeking reviewers for journal articles for Teaching Children Mathematics, the elementary school math journal. Interested people can register here: <http://tcm.msubmit.net/cgi-bin/main.plex> . For additional questions please contact Drew Polly, drew.polly@uncc.edu

The inclusion of items in this update does not imply the endorsement or verification of accuracy by this agency.

Announcement

The **Elementary Mathematics Add-On License** is a coordinated effort between the North Carolina Department of Public Instruction (NCDPI), the University of North Carolina General Administration (UNCGA), statewide LEA representation at the school and district levels, and university faculty representation from colleges of education and arts and science. The program of study includes six courses. Each course is distinguished by a focus on a high-leverage teaching practice, a primary area of mathematics necessary for successfully teaching elementary school mathematics and a secondary area of mathematical content. Learn more about this opportunity...

<http://maccss.ncdpi.wikispaces.net/Elementary+Mathematics+Add-On+Licensure>

←
Congratulations go to...

**2014 Elementary
Presidential Awards for Excellence in Mathematics and Science Teaching State Finalist**



Heather Landreth
K-6 Mathematics
W.H. Robinson Elementary
Winterville, NC



Kayonna Pitchford
K-6 Mathematics
Stoney Point Elementary
Fayetteville, NC



Meredith Stanley
K-6 Mathematics
Haw Creek Elementary
Asheville, NC

These state finalists were recognized by the State Board of Education in December. If you have additional questions about this award please contact the State Mathematics Coordinator, Kitty Rutherford
kitty.rutherford@dpi.nc.gov





Promoting public understanding of
and support for bioscience research

Application process still open for *Ignite the Power of STEM* competitive grant program.

The Biogen Idec Foundation will award \$125,000 in grants to support innovative science education programs and projects across North Carolina. *Ignite the Power of STEM* grants will be awarded to teachers, schools and non-profit STEM education programs that serve K-12 students. More information about the grant and the link to apply can be found by visiting biogenidec.com/ignitenc.

The deadline to apply is 5:00 pm on Friday, January 16, 2015. Grants will be awarded by February 20, 2015, and are to be expended by December 31, 2015.

- Teachers may apply for a grant up to \$2,000.
- Schools and non-profits may apply for grant up to \$5,000.

Eligibility: Applications will be accepted from full-time professional personnel from public and charter schools located in N.C. that had at least one individual from their school district registered for, or in attendance at, the [Bridging the Gap](#) STEM education conference on October 28-29, 2014. Applications also will be accepted from non-profit STEM education programs that serve K-12 students. Preference will be given to conference registrants and attendees and to programs that work with schools that attended the conference

Programs should be designed to:

- Promote science literacy in innovative ways among students
- Enable teachers to bring new, exciting hands-on science experiences to their students
- Encourage underserved youth with potential to pursue science as a career
- Create excitement about STEM topics within the classroom setting
- Inspire students to consider pursuing STEM careers

For questions, please contact [Melchee Johnson](#) at Triangle Community Foundation.

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Announcement

January 2015 Webinars on Global Educator Digital Badge for Teachers

The State Board of Education approved the Global Educator Digital Badge for Teachers policy at the October 2, 2014, SBE meeting. Beginning in January 2015, a candidate for the Global Educator Digital Badge should work with his or her supervising administrator to create a professional development plan focused on embedding global education in instruction. Candidates for the badge will be required to complete 100 hours or 10 CEUs of global educational professional development and meet a Capstone Project requirement within two years.

A webinar to address the principal's role in this process will be offered on Tuesday, Jan. 13 and Thursday, Jan. 15. You only need to register for one webinar.

- Tuesday, Jan. 13, 1-2 p.m.: <https://www1.gotomeeting.com/register/463551753>

- Thursday, Jan. 15, 10-11 a.m.: <https://www1.gotomeeting.com/register/826270865>

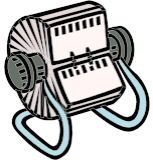
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A webinar to address the teacher's role in this process will be offered on:

Thursday, Jan. 15, 4-5 p.m.: <https://www1.gotomeeting.com/register/943871985>

Once registered, you will receive an email confirming your registration along with information you need to join the Webinar.

For additional information regarding the Global Educator Digital Badge for Teachers and other global education initiatives, please visit <http://www.ncpublicschools.org/globaled> .



Elementary Mathematics Consultants' Contact Information

Kitty Rutherford kitty.rutherford@dpi.nc.gov

and

Denise Schulz denise.schulz@dpi.nc.gov

Join the Listserv

If you have friends that are not on the **elementary mathematics listserv** but want to find out what's going on at the state level please encourage them to join our elementary listserv.

Elementary teachers can join the listserv by doing the following:

1. Send an email to the Listserv by cutting and pasting the following address into the "To" box within your email application: join-k-5_math@lists.dpi.state.nc.us
2. Leave the subject line and the body of the message blank. Once successfully subscribed, a confirmation email will be sent
3. If you have any trouble please contact Susan Hart at susan.hart@dpi.nc.gov.

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NC Mathematics (www.facebook.com/NorthCarolinaMathematics)



For all you do for our students every day!