



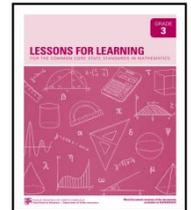
## Greetings from the NCDPI Elementary Mathematics Team,

Welcome Back to School Elementary Mathematics Friends.

We hope your school year is off to a great start. We just wanted to share some updates about DPI elementary mathematics resources located on the mathematics wiki.

<http://maccss.ncdpi.wikispaces.net/Elementary>

- **3-5 Unpacking Documents** have been revised – always look in the bottom right hand corner of the document to see if you have the latest version. You can also look at the revision table for changes.
- **3-5 Building the Language of Mathematics for Students Document** (Vocabulary) Mathematically proficient students communicate precisely by engaging in discussions about their reasoning using appropriate mathematical language. The terms students should learn to use at each grade level with increasing precision are included in this newly created document.
- **3-5 Lesson for Learning Documents** have been updated to include ten additional lessons to support the math standards. These documents will be posted this week.
- **3-4 Formative Instructional and Assessment Tasks for the Common Core State Standards in Mathematics** have been revised and posted on mathematics wiki. Fifth grade is currently being revised and will be posted soon.
- **K-5 Building Conceptual Understanding and Fluency Through Games** These games are aligned to The Common Core State Standards. The intent of this document is to provide students with an opportunity to develop conceptual understanding and computational proficiency. Please feel free to adapt, tweak, or modify the games to meet the needs of your learners! 3-5 games are posted on the wiki. The K-2 games will be posted soon – next week!



### Please send feedback:

Kitty Rutherford [kitty.rutherford@dpi.nc.gov](mailto:kitty.rutherford@dpi.nc.gov) or

Denise Schulz [denise.schulz@dpi.nc.gov](mailto:denise.schulz@dpi.nc.gov)

- **K-2 Mid-Year and Summative Assessments (2013-2014)** have been revised and released. They are now posted on the math wiki.
- **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?

#### What: Equip Training

The EQuIP (Educators Evaluating the Quality of Instructional Products) rubric is a tool designed to identify high-quality materials aligned to the Common Core State Standards (CCSS). The objectives of the training are two-fold: • Increase the number of high quality lessons and units aligned to the CCSS • Build the capacity of educators to evaluate and improve the quality of instructional materials for use in their classrooms and schools This session will allow participants an opportunity to learn and use the rubric so that they can implement in their schools and districts.

#### When:

**Region 1-** October 7, 2014

**Region 5-** September 23, 2014

**Region 2-** November 6, 2014

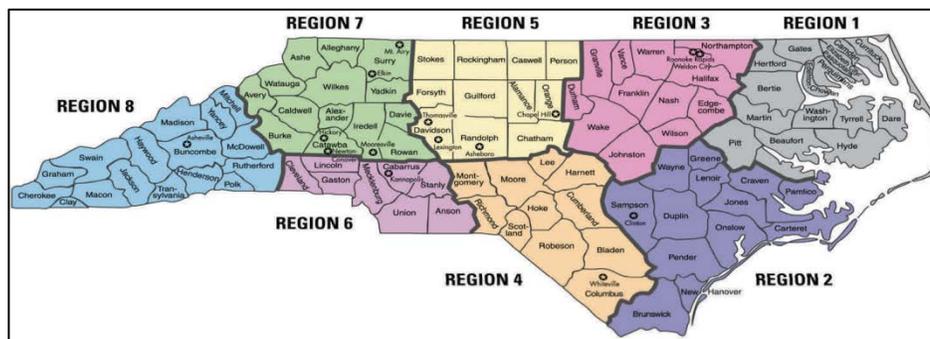
**Region 6-** September 19, 2014

**Region 3-** September 25, 2014

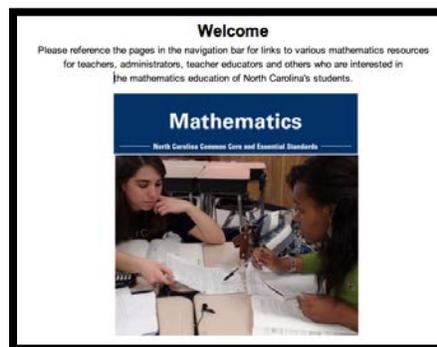
**Region 7-** October 16, 2014

**Region 4-** October 15, 2014

**Region 8-** October 1, 2014



### 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>





## Looking Ahead....

**K-2 Mid-Year and Summative Assessments (2014-2015)** are in the process of being vetted and will be given to district leads late September through the district math wiki.

## Something to think about

As your new school year starts take some time and think about these two questions:

1. Why do students have to do math problems?
  - a. To get answers because Homeland Security needs them, pronto.
  - b. I had to, why shouldn't they?
  - c. So they will listen in class.
  - d. To learn mathematics.
2. When teaching mathematics is it about Answer Getting vs. Learning Mathematics?
  - "How can I teach my kids to get the answer to this problem?"
  - "How can I use this problem to teach the mathematics of this unit?"

We ask that you take just a few minutes and listen to Phil Daro, one of the Common Core State Standards for Mathematics writers. We think you will find this short clip very interesting. If you get a chance talk with some of your co-workers about what he says and how this might affect your teaching this year. Enjoy!

Link: <http://vimeo.com/30924981>



## Elementary Mathematics Consultants' Contact Information

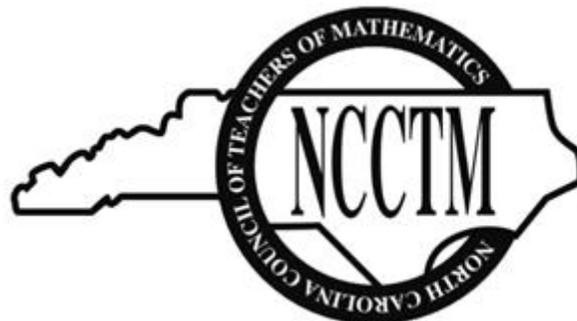
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and

Denise Schulz [denise.schulz@dpi.nc.gov](mailto:denise.schulz@dpi.nc.gov)

## Announcement

**2014 North Carolina Council of Teachers of Mathematics Conference**



Join the DPI Mathematic Team for this Conference  
on October 29-31 in Greensboro

## 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

## Announcement

Added to the parent portion of the elementary math wiki:

**The Hunt Institute and National PTA – Video series**

<http://www.hunt-institute.org/knowledge-library/articles/2014-6-25/pta-common-core-videos/>

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

## 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.

**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](mailto: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](mailto:Susan.hart@dpi.nc.gov).

## Follow Us!



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**For all you do for our students every day!**