From: CT Core Standards
Sent: Monday, April 21, 2014 11:07 AM

Subject: CT Systems of Professional Learning Newsletter

Connecticut Systems of Professional Learning for District Coaches

The Connecticut Systems of Professional Learning for Connecticut Core Standards District Coaches is poised to launch the second module this week. As we begin the sessions I am especially excited to see how interest in this work is growing and enrollment numbers continue to rise. As always, check the registration site for the latest information on available sessions. Very soon we will post all of the dates and locations for Module 3 sessions that will occur in late May through June.

As we move into the next modules we will all deepen our understanding of what the Connecticut Core Standards look like in practice, and the various considerations we need to take into account before saying, "we're doing that." In the English/Language Arts sessions, coaches dig deeply into a variety of texts and discuss how text selection, close reading, academic language, classroom discussion, and supports are integrated into unit and lesson design. In Mathematics sessions, coaches discuss the focus, coherence, and rigor of the content standards and how to help teachers understand and use rich tasks that incorporate both the content and practice standards.

I hope this newsletter finds you well and enjoying New England's slow transition to spring. We look forward to you joining our first Webinars on April 23rd and 24th (look for information in the registration site), and the project's blog is at http://www.ctcorecoaches.blogspot.com/, providing

In This Issue

another forum for all of us to share ideas and resources that will help Connecticut's educators be successful with every student.

Robb Geier

Project Director, Systems of Professional Learning for Connecticut Core Standards District Coaches

Professional Development Register Today!

Module 2 sessions are starting today! If you haven't already registered for a session in your region, Click Here to sign up.

Here's what is happening this week:

Date	Session	Location
April 21	K-5 ELA	CES RESC
April 21	6-12 ELA	Holiday Inn East Hartford (CREC)
April 21	K-5 Math	Holiday Inn East Hartford (CREC)
April 22	6-12 Math	Holiday Inn East Hartford (CREC)
April 22	6-12 ELA	Holiday Inn East Hartford (CREC)
April 23	K-5 ELA	Holiday Inn East Hartford (CREC)
April 23	6-12 Math	Education Connection RESC
April 24	K-5 ELA	CES RESC
April 24	K-5 Math	Education Connection RESC
April 25	K-5 ELA	Four Points Sheraton (ACES)
April 25	K-5 Math	The Gold Eagle (EASTCONN)

Check the registration site to see more sessions!

Webinars this Week

Do you have a comment or a question about the Module 1 content? Attend a webinar to talk directly with the Module 1 subject matter experts and writers! We have two webinars happening this week.

- Module 1 English Language Arts & Literacy:
  Wednesday, April 23rd from 3:00-4:00 p.m.
- Module 1 Mathematics:
  Thursday, April 24th from 3:00-4:00 p.m.

To register for a webinar:

1. Log into https://registration.pcgeducation.com
2. Click "Class Registration"
3. Under course category, select "Webinars"
4. Click "Register" for the webinar you want to attend

Spotlight on Resources

There are so many quality Core Standards resources available online. Watch for more resource spotlights in each newsletter!

Resources for Math Teachers

1. Inside Mathematics
Click here

Inside Mathematics is a professional resource for educators passionate about improving students' mathematics learning and performance. This site features classroom examples of innovative teaching methods and insights into student learning, tools for mathematics instruction that teachers can use immediately, and video tours of the ideas and materials on the site.

2. Illustrative Mathematics
Click here

Illustrative Mathematics is a discerning community of educations dedicated to the coherent learning of mathematics. They collaborate to share carefully vetted resources for teachers and teacher leaders to give our children an understanding of mathematics and skill in using it. They provide expert guidance to states and districts working to improve mathematics education.

3. Illuminations NCTM
Click here

Illuminations is a project designed by the National Council of Teachers of Mathematics. Illuminations works to serve you by increasing access to

quality standards-based resources for teaching and learning mathematics, including interactive tools for students and instructional support for teachers. There are so many quality Core Standards resources available online. Watch for more resource spotlights in each newsletter!

4. Mathematics Assessment Project
Click here

The Mathematics Assessment Program (MAP) aims to bring to life the Common Core State Standards (CCSSM) in a way that will help teachers and their students turn their aspirations for achieving them into classroom realities. MAP is collaboration between the University of California, Berkeley and the Shell Center team at the University of Nottingham, with support from the Bill & Melinda Gates Foundation. The team works with the Silicon Valley Mathematics Initiative and school systems across the US and UK to develop improved assessment. The materials from this project include lessons, tasks and assessments and exemplify CCSSM in explicit down-to-earth performance terms.

5. NCSM Illustrating Mathematical Practices
Click here

These ready-to-use PD materials are designed to help teachers understand the Standards for Mathematical Practice and implement them in their classrooms. Each module supports a 1.5- to 3-hour session that focuses on one or two mathematical practices.

6. Achieve the Core
Click here

Achieve the Core invites educators and people curious about the Common Core State Standards to explore what the site has to offer, including hundreds of math resources for teachers, resources for leaders who are putting college and career readiness standards into action in their own schools, and opportunities to become an advocate for the Common Core. This site also includes instructional practice guides to help teachers better understand the shifts in the mathematics standards under the Common Core.

7. Teaching Channel
Click here

Teaching Channel is a video showcase-on the Internet and TV-of inspiring and effective teaching practices in America's schools. Videos include examples of teaching practice as well as teacher interviews about their practice.

8. Hunt Institute
Click here

The videos were developed to help diverse groups - educators, policymakers, parents - better understand the breadth and depth of the Standards and how they will improve teaching, make classrooms better, create shared expectations, and cultivate lifelong learning for all students.

9. TurnOnCCMath
Click here

Welcome to TurnOnCCMath.net! The GISMO research team at North Carolina State University has developed 18 learning trajectories that unpack the K-8 Common Core State Standards for Mathematics from the standpoint of student learning, and elaborate the underlying scientific research in mathematics education.

Math Resources for Students & Families

1. Khan Academy
Click here

Students can make use of our extensive library of content, including interactive challenges, assessments, and videos from any computer with access to the web. Practice math at your own pace with their adaptive assessment environment. You can start at 1 + 1 and work your way into calculus or jump right into whatever topic needs some brushing up. Each problem is randomly generated, so you never run out of practice material. If you need a hint, every single problem can be broken down, step-by-step, with one click. If you need more help, you can always watch a related video.

2. Xtra Math
Click here

XtraMath is a free web-based program that helps students master basic addition, subtraction, multiplication, and division facts. Students learn to recall them quickly and accurately and can then use these math facts as a basis on which to build more complex problem-solving skills.

3. National Library of Virtual Manipulatives
Click here

The National Library of Virtual Manipulatives (NLVM) is a National Science Foundation supported project that began in 1999 to develop a library of uniquely interactive, web-based virtual manipulatives or concept tutorials, mostly in the form of Java applets, for mathematics instruction (K-12 emphasis). Learning and understanding mathematics, at every level, requires student engagement. Mathematics is not, as has been said, a spectator sport. Too much of current instruction fails to actively involve students. One way to address the problem is through the use of manipulatives, physical

objects that help students visualize relationships and applications. We can now use computers to create virtual learning environments to address the same goals.

4. Braingenie
Click here

Braingenie builds deep mastery and sharpens problem-solving skills with videos and interactive exercises for math and science. Many of the exercises are for advanced concepts, ideal for middle and high school students.

5. Hooda Math
Click here

Over 350 free online math games for kids of all ages. You can search games by grade and subject.

6. Hunt Institute
Click here

The videos were developed to help diverse groups - educators, policymakers, parents - better understand the breadth and depth of the Standards and how they will improve teaching, make classrooms better, create shared expectations, and cultivate lifelong learning for all students.

7. National PTA
Click here

National PTA® comprises millions of families, students, teachers, administrators, and business and community leaders devoted to the educational success of children and the promotion of parent involvement in schools. National PTA® includes resources such as parents' guides to student success, special education resources, etc.

8. Council of the Great City Schools
Click here

The Council of the Great City Schools' parent roadmaps in mathematics provide guidance to parents about what their children will be learning and how they can support that learning in grades K-8. These parent roadmaps for each grade level also provide three-year snapshots showing how selected standards progress from year to year so that students will be college and career ready upon their graduation from high school.

Questions? Need More Information?

Visit: ctcorestandards.org

Email: ctcorestandards@pcgus.com

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