What to Expect in the 2011 Sixth Grade Mathematics Common Core Academy

# What is the Common Core all about?

The Common Core State Standards in Mathematics represent not just a new set of standards that have been accepted by and are being implemented in forty four states nationwide. They also represent an opportunity – a chance to really change the way we teach and understand mathematics. In this course, you will see how that change might take place and what it could mean for you as a teacher and, more importantly, for your students.

# How will the Common Core impact your classroom?

You will discover how the standards will impact instructional design and delivery. You will learn how to focus on the big ideas in the core and design instruction that will lead to student understanding. You will learn:

* How to integrate the CCSS Practice Standards into student mathematical experiences.
* How to select, modify, and/or create rich mathematical tasks that will enliven your mathematics classroom and lead to deep understanding of mathematical concepts.
* How to choose and orchestrate discourse around those mathematical tasks that develop, solidify, and practice understanding of the common core concepts for sixth grade.
* How to interpret and understand the more difficult mathematical concepts in the common core state standards.

# What will you experience?

The Common Core Academy is designed to be a rich experience immersed in mathematics and pedagogy. You will feel the excitement of being a first-year teacher all over again through

* Experiencing mathematical tasks associated with Sixth Grade mathematics.
* Discussing mathematical ideas with colleagues.
* Designing and sharing mathematical tasks for use in your classroom next fall.
* Building a collaborative community with other mathematics educators.

## You may find that the Common Core Academy is unlike previously attended professional development experiences. It will be rich with opportunities to explore mathematics and lesson/unit design. Bring your enthusiasm and be ready to learn!