THE COMMON CORE STATE STANDARDS IN MATHEMATICS: A FOCUS ON ALGEBRA GRADES 6 - 9

in conjunction with the Warner Center for Professional Development and Education Reform

For many years, students in the middle grades have been exposed to beginning concepts in algebra. The authors of the Common Core State Standards in Mathematics have continued this practice by including many typical beginning algebraic ideas in the standards. It is expected that students will have classroom experiences that are designed to encourage development of the concepts of variable, expression, equation, function, properties of real numbers, equivalence, and rate of change. Learners often struggle to understand these ideas as they can seem very different from the mathematics of operations with whole and rational numbers on which they have worked extensively in the earlier grades. In some ways, for students, the shift to algebra in the middle grades redefines what mathematics is. How can teachers help students in this transition? How can teachers introduce these ideas to students so that they develop flexibility in algebraic thinking and reasoning? This institute is the equivalent of 20 hours (3 full days) of professional development with homework that may include some readings between sessions.

DATE ($): MARCH 23 - 25, 2017
TIME: 8:30 - 3:30

LOCATION: THE CONFERENCE CENTER AT WAYNE-FINGER LAKES BOCES, NEWARK

HOUR LUNCH ON YOUR OWN

COST: $381 PER PERSON FOR W-FL BOCES DISTRICTS WHO PURCHASE THE CORE
       $495 FOR ALL OTHERS

FACILITATED BY: GENIE FOSTER, CENTER FOR PROFESSIONAL DEVELOPMENT AND EDUCATION REFORM

AUDIENCE: TEACHERS, COACHES AND CURRICULUM SPECIALISTS

CATEGORY: CONTENT

REGISTER BY: MARCH 9, 2017
REGISTRATION IS NOW LIVE THROUGH WAYNE-FINGER LAKES BOCES

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