



COMMONWEALTH of VIRGINIA
Department of Education

August 2, 2013

TO: Division Superintendents

FROM: Patricia I. Wright, Superintendent of Public Instruction

SUBJECT: K-12 Mathematics Standards of Learning Institutes

The Virginia Department of Education (VDOE) is pleased to announce K-12 Mathematics Institutes to be held in October 2013 at four sites in the Commonwealth. These four Institutes are designed to provide teachers with professional development focused on the relationship between curriculum, instruction, and assessment, by targeting the process of analysis and modification of existing instructional and assessment resources to match student learning expectations and promote problem solving.

The Institutes will continue implementation support of the 2009 *Mathematics Standards of Learning* (SOL), framed by the five goals for students becoming mathematical problem solvers, communicating mathematically, reasoning mathematically, making mathematical connections, and using mathematical representations to model and interpret practical situations. The Institutes will provide support in the implementation of the 2009 *Mathematics Standards of Learning* and new assessments through:

- modeling the modification of assessments by comparing expectations of the SOL and the Curriculum Framework to assessment items and modifying them to meet the intended expectations;
- modeling the modification of existing instructional and assessment tasks to emphasize process goals and problem solving; and
- providing online professional development materials for grade level or subject area teacher learning communities.

These one-day Institutes (8:30 a.m. - 3:30 p.m.) will be offered in a train-the-trainer professional development format for teachers, division-level leaders, mathematics supervisors, instructional supervisors, professional development personnel, division lead mathematics teachers, and other administrators with responsibility for mathematics education. Registration is limited to six participants from each school division.

Registration

Virginia Tech's Office of Continuing and Professional Education will manage registration. **Each division superintendent or designee should identify a division-level contact who will identify the members of the six-person team.** Division teams of six should be divided among the four grade-band sessions with no more than two participants in a single grade-band session.

Institute grade-bands are as follows:

- Kindergarten – Grade 2
- Grade 3 – Grade 5
- Grade 6 – Grade 8

- Grade 9 – Grade 12

Registration for **each of the four sites will be closed two weeks prior to the Institute or when registration is filled**. Registration can be completed online by the division contact or by identified division-level participants at <http://www.cpe.vt.edu/reg/vsolp/>. Participating teams may select only one-site among the four offered at the following locations:

October 7, 2013

[Southwest Virginia Higher Education Center](#)

One Partnership Circle

Abingdon, VA 24210

Online registration will end September 23, 2013

October 8, 2013

[The Hotel Roanoke](#)

110 Shenandoah Avenue

Roanoke, VA 24016

Online registration will end September 23, 2013

October 21, 2013

[The Hilton Richmond Hotel Short Pump](#)

12042 West Broad Street

Richmond, VA 23233

Online registration will end October 7, 2013

October 22, 2013

[DoubleTree by Hilton](#)

50 Kingsmill Road

Williamsburg, VA 23185

Online registration will end October 7, 2013

Lunch will be provided for participants. School divisions are encouraged to cover travel expenses and lodging, if needed, for division participants for the training Institutes, as these cost are not assumed by the VDOE.

Questions regarding registration should be directed to Nancy Rakes, registrar, Virginia Tech Office of Continuing and Professional Education, via e-mail at nancyr@vt.edu or by telephone at (540) 231-2922.

Questions regarding the Mathematics SOL Institutes should be directed to Michael Bolling, director, Office of Mathematics and Governor's Schools, via e-mail at Michael.Bolling@doe.virginia.gov or by telephone at (804) 786-6418; or Christa Southall, mathematics specialist, via e-mail at Christa.Southall@doe.virginia.gov or by telephone at (804) 225-2016.

PIW/MB/lis