

South Cook Mathematics Initiative

A partnership among 22 south Cook County districts to improve the teaching and learning of mathematics in grades six through nine



TEACHER PROFESSIONAL DEVELOPMENT

GOALS

The SCMI Teacher Professional Development is designed to:

- Build a professional community of mathematics teachers in the participating south Cook County districts
- Develop participants' abilities as mathematics teachers
- Enhance participants' ability to use high-quality mathematics tasks to assess their students' mathematical understanding
- Strengthen teachers' content and pedagogical content knowledge
- Deepen teachers' understanding of the Common Core State Standards for Mathematics

AUDIENCE

All teachers responsible for teaching mathematics in grades six through nine in participating south Cook County districts (Ideally teams of teachers from schools or districts will attend together.)

SCHEDULE

- Four three-day sessions are being offered in Summer 2011. The summer sessions will be held from 8:30 AM to 3:30 PM. Teachers should attend one of the three-day sessions. Three of the sessions will be held at the South Cook Intermediate Service Center at 253 West Joe Orr Road, Chicago Heights, Illinois. These sessions are on: June 22, 23 and 24, or July 27, 28 and 29, or August 8, 9 and 10. The sessions on June 29, 30 and July 1 will be held at the CHSD 218 Academy at 10701 South Kilpatrick, Oak Lawn, Illinois.
- Four half-day sessions during the school year to be held during the school day, after school, or on Saturdays

DESCRIPTION

The Teacher Professional Development is a sustained professional development program to develop the knowledge, skills, and strategies of mathematics teachers in participating districts. The professional development will support their ongoing practice and provide them with tools and resources to support high-quality mathematics instruction and the transition to the Common Core State Standards. The strand draws from the experiences and resources developed as part of the Silicon Valley Mathematics Initiative (SVMi), a comprehensive effort to improve mathematics instruction and student learning: SVMi has developed a set of highly-regarded tools for professional development and assessments that will be used. Teachers will continue to use the tasks and problems in their classrooms during the year; student work will be jointly evaluated using SVMi-developed protocols.

David Foster and the SCMI coaches will facilitate the sessions. Foster is the Executive Director of SVMi. He oversees and directs the Initiative, comprised of 43 member districts in the San Francisco Bay Area and selected school systems around the country. He is the author of innovative mathematics materials for middle-grades and early-high-school students. His protocols for training and supporting mathematics coaches have become a component of the Urban Mathematics Leadership Network's tools for urban school districts.

REGISTRATION

If you have pre-registered, you will receive information to complete the registration process in mid-April. Registration will be available to those who have not pre-registered in early May. If you have any other questions, please contact your SCMI coach.

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