

Mathematics: What's the Big Idea?
Designed for Teachers of grades K-8
8 week session



Register Online: www.emedia.scetv.org
Recertification: 20 Renewal Credits
Cost: \$50.00

This self paced workshop series is based on an approach to teaching and learning that emphasizes students doing mathematics themselves and constructing their own mathematical strategies, rather than following rote recipes that someone else has designed. Much research has shown that students who approach math in this way develop a deeper and more flexible understanding that supports their ongoing mathematical learning. Students learn to describe their strategies to their peers and to prove that their approach is sound.

Many of you are changing the way you teach mathematics or considering how you might. Change is always intimidating, especially if you have worked hard on the way you currently teach. This workshop series will support your efforts to change in three ways: (1) by helping you learn some mathematics yourself in new and exciting ways; (2) by suggesting how you might teach mathematics in new and exciting ways; and (3) by showing you some classrooms that are changing, and letting you watch and talk to the teachers who work in these classrooms.

All class meetings will take place through distance learning. The instructor and participants will communicate via Moodle — the course platform on the Internet. Assignments and discussion forums will be facilitated in Moodle.

Course Requirements

Participants are required to:

1. Register online at www.emedia.scetv.org. Print registration form and mail with check for \$50.00 **payable to SCDE** (SC Department of Education).
Mail printed registration form and check to:
Bonnie McMurray
eMedia
P. O. Box 11000
Columbia, SC 29211
2. View the video lessons. The video lessons will be accessed online in Moodle.
3. Answer questions related to the video lessons via discussion forum in Moodle.
4. All assignments must be completed online by the ending date of the eight week session.

Questions? Contact Bonnie McMurray at mcmurray@scetv.org