



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

Registration Deadline:
January 19

Register Online: www.itv.scetv.org

Cost: \$50.00 per participant per course

Recertification: 1 Hour or 20 Renewal Credits

Course Dates: January 23 – March 22 (8 weeks)

*When payment has been received, printed materials and DVDs will be mailed to the address on your registration form.

This 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.

In this workshop, we hope that you will enjoy doing mathematics, that you will learn about yourself as a learner and as a teacher, and that you will work with colleagues both at your school and at other sites in discovering the "Big Ideas in Mathematics."

Course Requirements

Participants are required to:

1. Register online at www.itv.scetv.org. Print registration form and mail with check for \$50.00 **payable to SCDE** (SC Department of Education). When payment has been received, printed materials and DVDs will be mailed to the address on your registration form. Mail printed registration form and check to:

Bonnie McMurray
ETV/ITV
P. O. Box 11000,
Columbia, SC 29211

2. View video lessons. One set of DVD lessons will be provided to each participant. These DVDs must be returned upon completion of the

course in order to receive recertification credit. (Videos are only for educational use by S.C. schools.)

3. Complete written assignments:
 - a. keep a journal
 - b. design a lesson plan
4. Complete Video Viewer's Log and Final Course Evaluation Form.
5. Upon course completion, all assignments and DVDs must be mailed to ITV and **postmarked by March 22.**

Required Materials

1. A teacher study guide and manual will be provided for each participant.
2. DVDs will be provided for each participant.

Questions? Contact Bonnie McMurray at [**mcmurray@scetv.org**](mailto:mcmurray@scetv.org)