

Science SOLutions for Teachers

Summer 2009

Teachers of grades K–5, earn graduate credits while deepening your understanding of science.

This summer, the Danville Science Center will lead two new science courses specially designed for teachers of grades K–5. The 2009 sessions are "**Sun and Earth**" and "**Ecosystems**." Each course aligns with the Science strands of the **Virginia's Standards of Learning** corresponding to two core areas: Living Systems and Interrelationships in Earth/Space Systems.

Each three-credit course combines meaningful content learning with hands-on experience. Teachers of grades K–5 will earn graduate credits and develop deeper science understandings while fine-tuning their ability to deliver student-focused, hands-on lessons.

Initiated through intensive week-long summer sessions, the learning continues throughout the school year as teacher teams meet to plan, implement and assess exciting new activities and new approaches to learning in their classrooms.

This project is funded by a grant from the Virginia Department of Education and is supported by Averett University, the Institute for Advanced Learning and Research, and the Danville Science Center. There is no cost to attend.

SUMMER 2009 COURSE SCHEDULE

Courses are open to teachers of grades K–5. Credit hours are recorded through Averett University.

SUN AND EARTH

June 22–26, 2009; 9 a.m.–3 p.m.

Danville Science Center

Credits: 3

This course uses constructivist-based methods to create a deeper and more sophisticated understanding of the solar system and the sun's energy.

ECOSYSTEMS

July 13–17, 2009; 9 a.m.–3 p.m.

Danville Science Center

Credits: 3

This course uses a constructivist-based approach to create a deeper understanding of the interrelationships of life on our planet with broader issues in the environment as a whole.

REQUIREMENTS:

Participants must be able to attend all five full days of any sessions for which they register.

During the 2009–2010 school year participants must commit to:

- attend two Saturday meetings during the school year to share and critique lessons with the full class;
- observe at least one of their teammates' classroom lessons; and
- be observed at least once by one of their teammates.

Courses are limited to 25 participants with priority given to K–5 teachers from partnering school systems (Danville and Martinsville cities, Campbell, Charlotte, Halifax, Henry and Pittsylvania counties) and to participants who can attend both courses. Others may apply.

Register Now! Call Jeff Liverman, (434) 791-5160, Ext. 201, or e-mail jliverman@smv.org



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