

Wooster
Science
Education
Center



SCIENCE
EDUCATION
AND
OUTREACH
PROGRAM

Expanding
Connections in
Science Education

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EXPANDING CONNECTIONS IN SCIENCE EDUCATION

**Mark Your Calendar!
August 8-12, 2005**

The Expanding Connections in Science Education Partnership is composed of educators from the Wooster City Schools and Tri-County ESC schools, and faculty and staff from the Ohio Agricultural Research Development Center (OARDC) and The College of Wooster.

The Partnership will offer summer workshops between 2005-2008 to help 35 local 4th, 5th, and 6th grade and special education teachers understand and teach the new Ohio science standards. **THE FIRST WORKSHOP, AUGUST 8-12, 2005, WILL COVER EARTH AND SPACE SCIENCES.** The workshop includes an **honorarium of \$375.** Participants may register for two (2) semester graduate credits at their own expense.

Workshop objectives are to increase teacher understanding of scientific concepts and methods, and increase confidence in teaching science. **Please help the Educational Partnership design and offer a workshop that addresses teachers' needs by completing the following short survey.**

A team of teachers and faculty from The College of Wooster or OARDC will plan and conduct the Teaching Earth and Space Sciences Workshop. If you would like to share your science teaching experience and expertise, please consider joining the workshop team. Please contact Connie Hodgdon (330/264-0869) or Donna Plunkett (330/345-6771 x 234) for more information about the workshop and application process. Teacher members of the workshop team will receive an **honorarium of \$2,500.**

1. Check the School District you teach in:
 - Wooster City Schools
 - East Holmes School District
 - Chippewa Local Schools
 - Hillsdale Local Schools

2. Circle the days you teach science

Mon Tues Wed Thurs Fri

What is the length, in minutes, of your average science class? _____

3. Check the best description of your science background:

- One to two courses in college
- Undergraduate minor
- Undergraduate major
- Graduate-level courses
- Graduate degree

4. Indicate how familiar you are with the new Ohio science standards:

- Very familiar
- Familiar
- Somewhat familiar
- Not at all familiar

5. Based on your current knowledge of science content and methods, indicate your science teaching confidence level:

- Very confident
- Confident
- Somewhat confident
- Not at all confident

6. From your perspective, what is the most valuable or useful thing that a summer science instruction workshop could provide?

Use back of survey if more room is needed.

7. 4th Grade earth and space science concepts assessment.

Please check your top five concepts in each column to indicate which are the most difficult for students, most difficult for you to teach, and those for which you have the fewest available resources.

<i>Concept</i>	<i>Most Difficult for Students to Learn</i>	<i>Most Difficult to Teach</i>	<i>Least Amount of Teaching Resources</i>
Weathering			
Erosion			
Deposition			
Rapid Natural Processes			
Air Pressure			
Temperature			
Precipitation			
Wind			
Weather Maps			
Weather Prediction			
Clouds			
Water cycle			
Effects of technology on people			
Scientific data collection			

**Please fax (330/263-2386) or mail this addressed, postage-paid survey to
Jeanne Fromm by
January 28, 2005**

For more information about the Expanding Connections in Science Education Program, check <http://wsec.wooster.edu> or contact Jeanne Fromm, 330/263-2454; jfromm@wooster.edu