



KIT-N-KABOODLE SUMMER 07



Wayne-Finger Lakes Board of Cooperative Educational Services

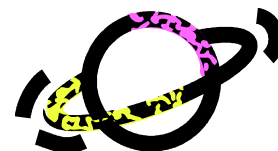
Sharon Bassage, Science Coordinator: <mailto:sbassage@wflboces.org>



Science News:

Earth Science:

A new form of the laboratory performance test is currently in the test approval process and will be administered for the first time in June 2007. The performance test consists of hands-on tasks set up at four stations. These tasks are designed to measure student achievement of the New York State Learning Standards for Mathematics, Science, and Technology as included in the Physical Setting/Earth Science Core Curriculum. A link to the materials list can be found at <http://www.emsc.nysed.gov/ciai/mst/scinote.htm>



Chemistry:

There is a great workshop offered on July 25th dealing with lab safety, chemical safety, and chemical storage including a free ScholAR Chemistry Resource Manual and more. There will also be great demos that you can see and do and be able to incorporate into your classroom discussions! See the workshops at the end of the newsletter!!

NOTE THE TIME CHANGE: Web site: <http://www.emsc.nysed.gov/osa/sched.html>



Elementary and Middle School Science Test Schedule

The 2008 test will be 1 week earlier than this year, see the dates below:

Grade 4 Written and Manipulative: Wednesday, April 2 - Wednesday, May 7

Grade 8: Manipulative: Wednesday, April 2 - Wednesday, May 7

Grade 8 Written: Wednesday, April 30- Friday, May 9



NEW TO THE SCIENCE DEPARTMENT:

Digitarium Alpha Planetarium; a fancy name for a new portable planetarium! This new planetarium allows a whole new dimension for teaching not only Astronomy, but other subjects such as History, Art, English and more. The projector has an integrated DVD drive, video-in port for computer capabilities, full dome video capabilities which allow you to create your own shows and digitally displays images in a 3-D dome environment. Astronomy concepts include simulated sky from any point on Earth, daily and annual motion, numerous reference points, lines, and grids, automatically positions and phases all celestial objects, labels and zooms in on objects and more! This is a great planetarium and opportunity to bring a different learning environment to your students. This planetarium can be used in any grade level and is very easy to learn. Training will be offered this summer and fall. Visit <http://www.digitaliseducation.com> for more information on this planetarium.



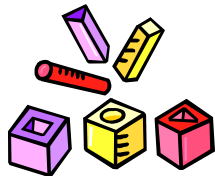
Two new schools have adopted Science 21! SCIENCE 21 is an integrated K-6 science curriculum developed locally and regionally at the Putnam/Northern Westchester BOCES. It is a science program designed **by teachers for teachers**. It is linked to the New York State Learning Standards for Mathematics, Science and Technology. WFL BOCES has become partners with Putnam to distribute, train, and maintain this curriculum. The program's major emphasis is on investigations that are student directed and relevant to students' everyday lives. The program's main focus is on hands-on, inquiry-based science and math. Language Arts and Technology are integrated at points where they fit naturally. SCIENCE 21 achieves a balance between process and content, and is supported by kits and staff development. **Training for the program will be offered this summer and fall.** To find out more about the SCIENCE 21 program, you can visit the link: <http://www.pnwboces.org/cesar/sci21/Welcome.htm>



If you have any questions, please feel free to call me at: 315-332-7267.

NEW/UPDATED KITS ADDED TO THE ESTEC CURRICULUM:

ES143 Properties – has been rewritten including all new student activity sheets and books. Some of the lessons have been changed, added to, deleted, etc... There is an introduction to solids, liquids, and gases too. This new kit should prove to be more interesting to the students!!



ES107 Birds – (The name has not been agreed upon yet). This is a great kit that teaches physical setting standards (energy, flight, simple machines, and sound) and some living environment standards while using birds and bird watching as the catch! It's a great kit with fun activities.



ES205 Living and Nonliving: This Kindergarten/1st grade kit was introduced last year and helps students understand the characteristics between living and nonliving things. It has 6 books that are teacher read and coordinate with the lessons. There are several hands-on activities that allow speaking, thinking, and learning of science concepts. These activities include identifying living and nonliving things, understanding what it means to grow and survive, working with a "Grow Alligator", weaving a "Wish Weave", and more.



ES128 Measuring. This is in the works for update this summer. We started it last year, but got "side-tracked" with other work. The new version will have gro-creatures and more for students to have some great hands-on experiences with measuring.



Summer Workshops 2007

All workshops will be in the Maple Building at Newark BOCES

July 17 Tuesday 9:00 – 2:30 Inquiry Activities Grades K-2 \$93.00

Teachers will experience fun activities that parallel the 4th grade test and other content areas in science. These activities can be used as demos, hand's-on, or developed into labs. They are fun and make the students "think"! This is a great workshop to help you understand what the state test is asking of the students.

July 18 Wednesday 9:00 – 2:30 CSI: BOCES Grades 4-8 FREE

Use this great forensics kit to help students improve on their problem solving strategies! There are 6 different stations that students will rotate through while they attempt to determine "who did it" for one of six different crimes at one of six different locations! This is a great way to have students work in groups, ask questions, design procedures and make conclusions based on their results. This can be a great interdisciplinary unit. Other CSI activities will also be completed during the day.



July 19 Thursday 9:00 – 2:30 Reading and Writing Strategies Grades 5-8 \$93.00

With increased pressure on taking tests and getting good grades, I have found a great resource for developing strategies for students to use when reading and writing science resources. There are many different strategies that can be used to help organize students' thoughts. One strategy might work well on an article dealing with scientific history and another might be better when reviewing the steps of a lab experiment. You will learn several strategies that will not only help with science, but any type of reading material that students encounter.

July 25 Wednesday 9:00 – 2:30 Chemistry (Safety and Demos) High School \$93.00

Refresh your safety consciousness and review the tenants of basic lab safety, dangerous chemical interactions, storage "best practices", and the NSTA regulations that keep you and your students safe. Participants will also engage in attention-grabbing hands-on chemistry demos that are perfect complements to standard chemistry lectures. All participants will receive a ScholAR Chemistry Resource Manual, the Dana Center's Science Safety Standards Manual for Instructors, and a MSDS CD-ROM. Door prizes will also be awarded.

July 26 Thursday 9:00 – 2:30 Inquiry Activities Grades 3-4 \$93.00

Teachers will experience fun activities that parallel the 4th grade test and other content areas in science. These activities can be used as demos, hands-on, or developed into labs. They are fun and make the students "think"! This is a great workshop to help you understand what the state test is asking of the students.

July 27 Friday 9:00 – 12:30 Digitalium Star lab FREE

Check out the new lab. You can choose to learn how to operate it or see the awesome capabilities it has for your classroom if you would like me to come to your school!

Aug. 7 Tuesday 9:00 – 2:30 Foldable Note-taking \$93.00

Grades K-8 this is your chance to see, construct, and take home the folding, paper, graphic organizers that may dramatically enhance students learning!!! This informative, very fun workshop introduces teachers on how to use foldable graphic organizers to enhance student understanding of science content. These "foldables" are a very visual way for students of any discipline to take notes and give a visual stimulation to remember the information! Great for vocabulary! We will construct several different organizers using different formats to match science, math, ELA and other topics in your rooms.

Aug. 8 Wednesday 9:00 – 2:30 Science and the Interactive White Board! \$93.00

Come see some great websites that can be used with interactive white boards and your science curriculum. Many different topics will be shown and all grade levels are welcome. This is a great way to incorporate some technology and science in a fun and exciting way to your students. All teachers no matter what curriculum you use are welcome!

SCIENCE TRAINING REGISTRATION FORM

(One registration form per person. Make additional copies as necessary.)

PLEASE PRINT

Name: _____

Home Phone: _____

District/Building: _____ Grade Level: _____

Primary E-Mail (**must have for confirmations**): _____

Please print clearly

	WORKSHOP TITLE	DATE(S)	LOCATION	COST
1.	_____	_____	BOCES, Newark____	_____
2.	_____	_____	BOCES, Newark____	_____

Registration Information

- A check (payable to Wayne-Finger Lakes BOCES) is enclosed.
- A purchase order is attached, P.O.# _____
- Component Districts will be charged:
Business Official Signature required:

Fax - Registration Form to: (315) 331-2016

Mail - Send Registration Form and Payment to:

Sharon Bassage
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131 Drumlin Court
Newark, NY 14513

Attn. Science Department