

# LA Wetland Education Coalition

## Wetland News for October 4, 2004



1. Congratulations to Harry Hurst Middle School LaBranche Wetland Watchers!
2. America's Wetland Campaign launches the Estuararians
3. US Geological Survey launches "The Water Cycle" website
4. Hurricane Images: Ivan, Jeanne
5. WEFTeach for Orleans and Jefferson Parish School Teachers
6. LA's Disappearing Wetlands featured in National Geographic (Oct 2004)!
7. JASON now has math materials and professional development!
8. LAWEC-L listserv information

\*\*\*\*\*

### 1. Congratulations to Harry Hurst Middle School LaBranche Wetland Watchers!

The Harry Hurst Middle School LaBranche Wetland Watchers was highlighted as a national model by the Corporation for National and Community Service in Washington, D.C., for their conservation work in Louisiana wetlands. Kudos to their teacher, Barry Guillot, for his hard work to help his students put their knowledge to work on a real problem. Read about their story at <http://www.nationalservice.org/news/nsn/206.html>. Congrats to all!

\*\*\*\*\*

### 2. America's Wetland Campaign introduces the Estuararians

The America's Wetland Campaign introduces the Estuararians, large puppets representing wetland animals, to teach school-aged children about Louisiana's loss of 25-square miles of coast every year. Read more about this story at [http://www.2theadvocate.com/stories/092204/new\\_estuarian001.shtml](http://www.2theadvocate.com/stories/092204/new_estuarian001.shtml)

\*\*\*\*\*

### 3. US Geological Survey launches "The Water Cycle" website

The U.S. Geological Survey would like to announce a new website that may be of interest to you. We have just finished the most comprehensive website about "The Water Cycle" anywhere. It features a wonderful diagram of the water cycle and an in-depth discussion of each of the 15 topics on the diagram. And, the diagram is available in 36 languages. The URL is: <http://ga.water.usgs.gov/edu/watercycle.html>

\*\*\*\*\*

### 4. Hurricane Images: Ivan, Jeanne

This link was sent to me by one of our NOAA friends, Tim Osborne. Follow the links to see a series of blocked areas in the Pensacola Beach area that you can click on to see the actual aerial photography of that area following the passage of Ivan: <http://www.ngs.noaa.gov/ivan>  
Thanks to Tim for sending this to us.

Kerry M. St. Pé, Program Director, Barataria-Terrebonne National Estuary Program

\*\*\*\*\*

## **5. WEF Teach for Orleans and Jefferson Parish School Teachers**

**Tuesday, October 5, 2004 – 8:00 AM – 3:00 PM**  
**Ernest N. Morial Convention Center, Hall A, Rm #206**  
**Registrations accepted on a first-come, first-serve basis.**  
**LIMITED TO 50 HIGH SCHOOL TEACHERS**

New Orleans & Jefferson Parish high school teachers have a rare opportunity to *go to the source* by learning from water quality experts. The Water Environment Federation (WEF) will offer the 10th annual *WEF Teach*, an award winning full-day teachers' training on water quality issues that has received raving reviews from educators in nine other cities across the United States. *WEF Teach 2004* will feature training on *Sewer Science*, a mini wastewater treatment plant that includes specially designed tanks and real-life laboratory analytical equipment. All materials are provided, including individual teacher and student workbooks. The *Sewer Science* mobile laboratory will be provided exclusively to high schools of *WEF Teach* participants. The Sewerage & Water Board of New Orleans, and Jefferson Parish Department of Environmental Affairs, will facilitate the program throughout the 2004-05 school year.

*WEF Teach* is presented in conjunction with the 77<sup>th</sup> annual WEF Technical Exposition and Conference (WEFTEC®) as a benefit to the host community. Attended by more than 16,000 water quality professionals, WEFTEC® is the largest and most comprehensive water quality show in North America attracting experts from all around the world. *WEF Teach* is fortunate to have the generous support of The Coca-Cola Company and MWH. The training opportunity is made possible through a unique partnership of corporations, municipalities, consultants, community organizations and area high schools.

### **PARTICIPANTS WILL RECEIVE:**

- *Sewer Science Teacher & Student Workbooks*
- *The Water Sourcebook* (60 hands-on activities)
- *Aqua Venturer* (CD-ROM)
- *Careers in Water Quality Curriculum*

\*\*\*\*\*

## **6. LA's Disappearing Wetlands featured in National Geographic (Oct 2004)!**

Turn to page 88 in this month's National Geographic magazine and you will see beginning of 18 pages of spectacular pictures and descriptive text describing the magnitude of the loss to both LA and the nation.

Go to the NG website and get a taste of the article, a downloadable map of the MS River watershed and other related links at <http://magma.nationalgeographic.com/ngm/0410/feature5/index.html>. A bibliography lists other NG-related articles.

\*\*\*\*\*

## **7. JASON now has math materials and professional development!**

The JASON Foundation for Education now offers math products and online courses for middle grade math educators! JASON recognizes the importance of math in science education and has

developed tools that can be used to compliment our existing Expedition materials or as a stand-alone for math teachers.

### **JASON Academy® Online Math Courses**

The JASON Academy now has Math courses that offer an opportunity for teachers to increase their Math content knowledge, meet NCLB requirements, and earn graduate credit or CEUs. Through the JASON Academy, teachers are discovering new and engaging opportunities for bringing standards-based instruction into their classrooms. Five-week, facilitated courses are only **\$150**.

Act now! The last JASON Academy session of 2004 begins **October 4**. Math courses are available in:

- Exploring Data Analysis
- Fractions, Decimals and Percents
- Introduction to Online Learning and Mathematical Inquiry
- Multiple Representations and Fractions
- Problem Solving in Geometry
- Proportional Reasoning
- Reasoning About Numbers
- Using Technology as a Learning Tool in Mathematics
- Whole Number Operation and Invented Algorithms

JASON Academy courses:

- Include interaction with colleagues
- Provide activities for classroom application
- Use exciting, interactive graphic teaching tools
- Have over an 85% completion rate

For complete and updated course listings and descriptions, visit <http://www.jason.org/academy>. Questions? Contact Chris Head at [academy@jason.org](mailto:academy@jason.org).

### **JASON Math Adventures**

JASON Math Adventures curriculum presents mathematics for grades 6-8 in the context of actual scientific expeditions. Materials are designed to help teachers teach mathematical concepts and engage students in using those concepts as they are used by scientists, explorers, or researchers.

*JASON Math Adventure: Proportional Reasoning and the Disappearing Wetlands* - These standards-based activities present middle grade students with questions that REAL scientists and researchers face in the wetlands of Louisiana and challenge them to use **proportional reasoning** (rates, ratios, percents, linear relationships, and slopes) to address those questions. Complete teaching suggestions offer ways to present the mathematical concepts, guide students through the activities, and assess learning.

- Teacher Edition (6-8 lessons that can be completed in 2-4 weeks)
- Student Activity Book (hands-on activities)
- CD with interactive math tools used in student activities
- Video or DVD with scientist and researcher interviews and site tours
- LIVE Expedition Broadcast (January 31-February 6, 2005)

JASON Math Adventure: Geometry and Return to Titanic - This Adventure focuses specifically on Dr. Robert Ballard's *Titanic* expedition of May 27-June 12, 2004, and the work researchers perform to investigate the amount of deterioration of the wreck. With this unique curriculum, students will learn concepts in general geometry and coordinate geometry using actual data, video, and still images from the expedition. *Geometry and Return to Titanic* will tell the story of the expedition by relating the events to math content. The math activities will explore concepts related to the navigation of research vessel *Ronald H. Brown* to the *Titanic* site, the navigation and positioning of remotely operated vehicles (ROVs) to the wreck, and the process of mapping the wreck. Can be completed in 2 to 4 weeks  
Available December 2004. For more information, or to order, visit the JASON store at <http://store.jason.org>.

\*\*\*\*\*

## 8. LAWEC-L LISTSERVE INFORMATION

- **Description of this listserve:** A listserve serving educators interested in LA wetlands.
- **To send a message of your own to the listserv:** email LAWEC-L@LISTSERV.LSU.EDU and type your message into the body of the email. The message will be distributed to ALL PARTICIPANTS subscribing to the listserve.
- **To UNSUBSCRIBE from this listserve:** email LAWEC-L@LISTSERV.LSU.EDU and enclose the following single line in the body of the email  
unsubscribe LAWEC-L

***Please do not reply to the entire list unless you want everyone to read your message!***

\*\*\*\*\*

