



# Educator Workshop: Watershed and Natural Resource Education In the Classroom



This is a professional development opportunity for educators offered by the Kansas Association for Conservation and Environmental Education (KACEE), Delaware River Watershed Restoration and Protection Strategy (WRAPS), and USD 430 Horton.

The program will include training in Project WET, Project WILD and WILD Aquatic, and Project Learning Tree. In addition participants will receive the Kansas Foundation for Agriculture in the Classroom Exploring Kansas' Natural Resources Educator Guide and corresponding lessons. During the course, participants will engage in hands on activities related to water and watersheds, wildlife, natural resources, habitat and much more with a focus on local watershed issues and projects. Participants will learn what environmental education is and how to incorporate it into the classroom. Field study opportunities exploring local watershed improvement efforts (Mission Lake, Jackson County Household Hazardous Waste Facility, and a look at buffer strips) are included.

- When:** November 20, 2008 and February 18, 2009 (8:00am to 4:00pm both days)
- Where:** Horton High School, 1120 1st Ave. East in Horton, KS
- Who:** This workshop is open to all educators working with children pre-K through 12<sup>th</sup> grade
- Cost:** \$15 per participant (graduate credit is extra)
- Lunch:** \$5 (drinks and snacks provided)

**Participants Will Receive:**  
Activity Guides for Project WET, Project WILD and WILD Aquatic, Project Learning Tree, and the Kansas Foundation for Agriculture in the Classroom Exploring Kansas' Natural Resources Educator Guide.

**Graduate Credit Information:**  
Opportunity for one graduate credit hour through Baker University will be available for an additional cost of \$55 to participants attending both workshop days.

**To receive additional information, please contact:**

Melissa Arthur  
Education Programs and Outreach Director  
785-597-5452  
marthur@kacee.org

**Or**

Marlene Bosworth  
Delaware River WRAPS Coordinator  
785-284-0080  
mkbosworth@northwindts.com

**To register, please send or fax form to:**

KACEE  
2610 Claflin Road  
Manhattan, KS 66502  
Fax: 785-532-3305  
www.kacee.org

**Educator Workshop:  
Watershed and Natural Resource Education In the Classroom**

Name: \_\_\_\_\_

School/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Home/Cell Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Email: \_\_\_\_\_ Grade Level: \_\_\_\_\_

This workshop will be held from 8:00 am - 4:00 pm on  
November 20, 2008 and February 18, 2009 in Horton, KS.

\_\_\_\_\_ Payment Included (\$15)      \_\_\_\_\_ Invoice Me (\$15)  
(Payments made to KACEE)



# Watershed and Natural Resource Education In the Classroom

Projects WET and WILD Aquatic  
November 20, 2008

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\***BOLD** text signifies the guide in which the activity comes from

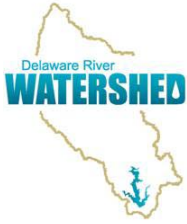
\**Italicized* text signifies the priorities of the Delaware River WRAPS that are addressed in that activity

- Introduction and Icebreaker  
Are You Me? – **WILD Aquatic**
- Marlene Bosworth with Delaware River WRAPS
- Guest Speaker Kathy Musick – Kansas Foundation for Agriculture in the Classroom  
-- Exploring Kansas' Natural Resources Educator Guide  
\* *Pesticides, HHW, Point Sources of Pollution*
- **10:15-10:30** Break
- What's in the Water? – **WILD Aquatic**  
\* *Sedimentation/Erosion, Nutrient Contamination, Bacterial Contamination, Pesticides, Point Sources of Pollution*
- Get the Ground Water Picture – **WET**  
\* *Ground Water/Water Wells*
- **11:30-12:30** Lunch – SLT meet and greet with participants  
-- hand out Guides
- Mini Water Festival:  
H2Olympics – **WET**  
Incredible Journey – **WET**  
Migration Headaches – **WILD Aquatic**
- Sum of the Parts (part 2) – **WET**  
\* *Pesticides, HHW, Point Sources of Pollution*
- Field Study – Mission Lake  
Water Works – **WET**
- Evaluations and Wrap-Up

# Watershed and Natural Resource Education In the Classroom

Projects WILD and PLT with Secondary Modules  
February 18, 2009: 8am - 4pm  
Horton High School

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- 8:00-9:00 Introduction and Icebreaker  
Viewpoints On The Line – **PLT (Ashlyn and Melissa)**  
Take Lunch Orders  
Marlene Bosworth – Introduce Field Studies and the Delaware River WRAPS Regional Program
- **9:00-12:00 Field Studies**  
Stream Bank Stabilization  
Buffer Strips  
Household Hazardous Waste Facility
  - Dan Robinson, Program Director
  - Mary Ferkopf, Program Director Assistant
  - Mark Melcher, HHW Operator
- **12:00-12:30 Lunch**
  - Hand out Guides
  - Assignment (find activities that would work well with the field studies we went on)
- 12:30-1:00 Adaptation Artistry – **WILD (Ashlyn)**
- 1:00-1:30 Renewable or Not – **PLT (Rachel)**
- 1:30-2:00 A Look At Lifestyles – **PLT (Melissa)**
- **2:00-2:15 Break**
- 2:15-2:45 Bottleneck Genes – **WILD (Rachel)**
- 2:45-3:15 How Many Coyotes Can Live on This Prairie – **WILD (Ashlyn)**
- 3:15-3:45 Personal Places – **PLT Secondary (Ashlyn)**
- 3:45-4:00 Evaluations and Wrap-Up