



# ecoSTEM

Teaching STEM (Science, Technology, Engineering and Math) through environmentally friendly architectural and electro-mechanical design, renewable energy and real-time energy monitoring

**November 22, 2011**

Hosted by: First Technologies

**The ecoSTEM House™ Collection introduces a holistic way of teaching STEM subjects that inspire career awareness, greater subject relevance and a real desire for learning.**

The ecoSTEM House™ Collection gets students to think about their designs and proceed to build and test them on an affordable model scale. With the ecoSTEM House™ Collection Students . . .



**Build ....**

Beginning with pre-cut acrylic, plastic parts, students learn basic mechanical assembling skills when starting with the ecoSTEM House™. Next students learn how to wire and connect the roof's solar panels, rechargeable batteries, LEDS for lighting and cooling fans.

**Experiment ....**

Just give kids something to design and build is not enough; it must be accompanied with experiments that teach students how to test out their models for real world situations.

**Improve!**

The most compelling aspect of the ecoSTEM House™ Collection is the ability for students to redesign it to their own liking. Using a variety of computer aided design (CAD) software and our detailed plans, it's easy and fun for students to create their own model buildings and structures and then add the renewable energy devices for power.

**Cancellation Policy:** Any registration cancellation must be received 48 hours before the scheduled date for a refund to be issued. Because attendance at most sessions is limited, persons registering and not in attendance on the day of the session will be charged the full registration fee. CESA 6 reserved the right to cancel any session due to insufficient enrollment. Participants will be notified by email or phone if cancellation is required.

**Registration Details:**

- **Date:** November 22, 2011
- **Registration Fee:**
  - ✓ FREE
  - ✓ Pizza will be provided
- **Time:** 5:00 p.m. - 7:00 p.m. (Registration 4:30 p.m. - 5:00 p.m.)
- **Location:** CESA 6 Office 2300 State Road 44 · Oshkosh WI 54903
- **Registration Deadline:** November 15, 2011 (one week prior to event )
- **To register:** visit [http://www.cesa6.k12.wi.us/prof\\_dev/](http://www.cesa6.k12.wi.us/prof_dev/)

**Audience: Middle School and High School Teachers**

**For additional Information Contact:**

**Tania Kilpatrick**  
 Career and Technical Education Coordinator  
 920.236.0531 or [kilpatrick@cesa6.org](mailto:kilpatrick@cesa6.org)

**ecoSTEM**  
**November 22, 2011**  
**CESA 6 Office - 2300 State Road 44, Oshkosh**

Participant Name(s) \_\_\_\_\_

Position(s) \_\_\_\_\_ District \_\_\_\_\_

Phone (Work) \_\_\_\_\_ (Home) \_\_\_\_\_

Would you like to be notified by email of future CESA 6 training sessions?  Yes  No

Email Address \_\_\_\_\_ Special accommodations or dietary needs \_\_\_\_\_

Please check one:

Check is enclosed, made payable to CESA 6

Bill my School District, PO # \_\_\_\_\_

Use my Conference Attendance (CESA 6 employed staff ONLY)

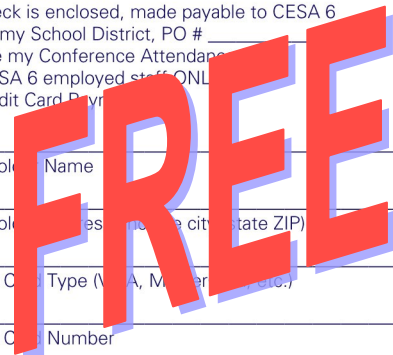
Credit Card Payment

Cardholder Name \_\_\_\_\_

Cardholder Address (include city and state ZIP) \_\_\_\_\_

Credit Card Type (Visa, MasterCard, etc.) \_\_\_\_\_

Credit Card Number \_\_\_\_\_



**RETURN TO:** Debbie Pinkerton, Program Assistant, CESA 6, PO Box 2568, Oshkosh, WI 54903-2568 Expiration Date \_\_\_\_\_ 3 Digit Code on Back of Card \_\_\_\_\_