

# Engineering is Elementary

## Teacher Training

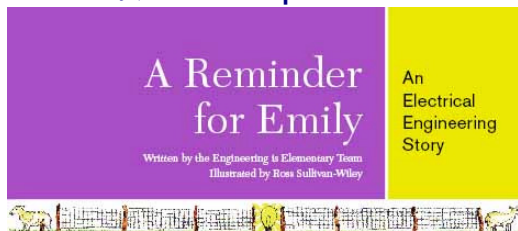
July 22<sup>nd</sup> - 24<sup>th</sup>

A storybook-based curriculum that fosters engineering and technological literacy in grades K-5 through a variety of engineering design challenges.

Students use their problem solving skills as they apply their knowledge of science and engineering to design, create, and improve individual engineering products.

### Each EiE Unit includes:

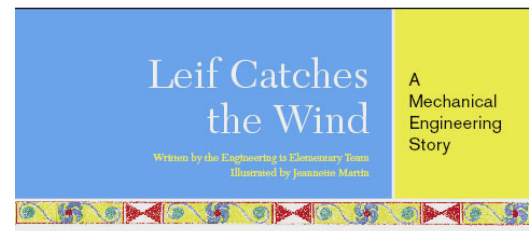
- ✂ A storybook featuring a child from a different country and/or background who demonstrates that with some creativity and knowledge of the engineering design process, everyone can engineer.
- ✂ Lesson plans with detailed instructions and tips for basic and advanced students.



Emily, an Australian girl who lives on a ranch, needs to design an alarm circuit to remind her to water the sheep.

**Recommended for Grade 5.**

- ✂ Duplication masters with photocopy-ready handouts for students at different grade bands.
- ✂ Background information and additional resources for teachers.
- ✂ Assessment sheets and rubrics.



Leif, a boy from Denmark, needs to design a windmill to provide oxygen for fish in a pond.

**Recommended for Grade 4.**



# Engineering is Elementary Training for K-5 Teachers

Session I – Designing Windmills – Recommended for Grade 4  
Wed., July 22 and Thu., July 23, 2009

– OR –

Session II – Designing Alarm Circuits – Recommended for Grade 5  
Wed., July 22 and Fri., July 24, 2009

Cost: \$250 for one Session (Includes a Teacher's Guide and Lunch.)  
Instructions for ordering equipment will be provided.

Registration: 8:00 a.m. – 8:30 a.m.

Training: 8:30 a.m. – 3:30 p.m.

Lunch: 12:00 noon

Location: Montgomery County ESC, General Assembly Room  
200 S. Keowee Street  
Dayton, OH 45402

10 Professional Development Hours per Session

**Registration Deadline: July 6, 2009**

Questions? Please call Norma Howell at (937) 225-4603 ext. 3071

Please FAX or email registration to [teri.willhoite@mcesc.org](mailto:teri.willhoite@mcesc.org)

FAX: (937) 496-7426

REGISTRATION FORM - July 22 & 23 (0809PD27) or July 22 & 24 (0809PD28)

Name \_\_\_\_\_ DAYTIME Phone \_\_\_\_\_

Home Address \_\_\_\_\_ City & State \_\_\_\_\_ Zip \_\_\_\_\_

Position & Grade You Teach \_\_\_\_\_ School District \_\_\_\_\_

School Building \_\_\_\_\_ School Phone \_\_\_\_\_

SCHOOL email \_\_\_\_\_ HOME email \_\_\_\_\_

Method of Payment Cash \_\_\_\_\_ Check \_\_\_\_\_ P.O. \_\_\_\_\_