

# Engineering is Elementary

## Teacher Training

August 5<sup>th</sup> - 7<sup>th</sup>

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

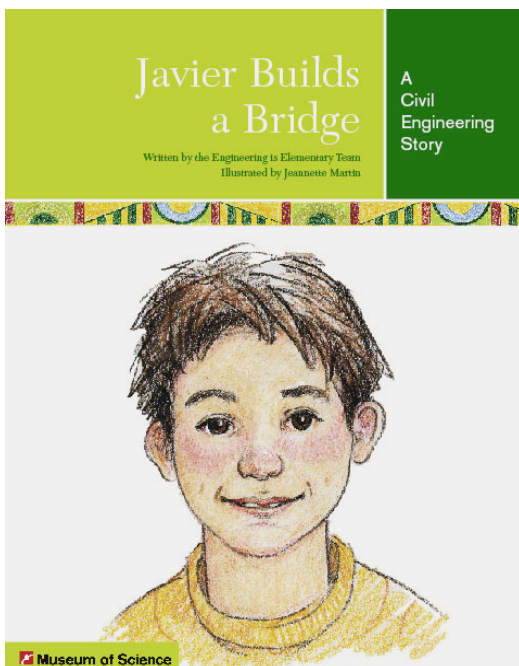
Students use their problem solving skills as they apply their knowledge of science and engineering to design, create, and improve individual engineering products.

### Each EiE Unit includes:

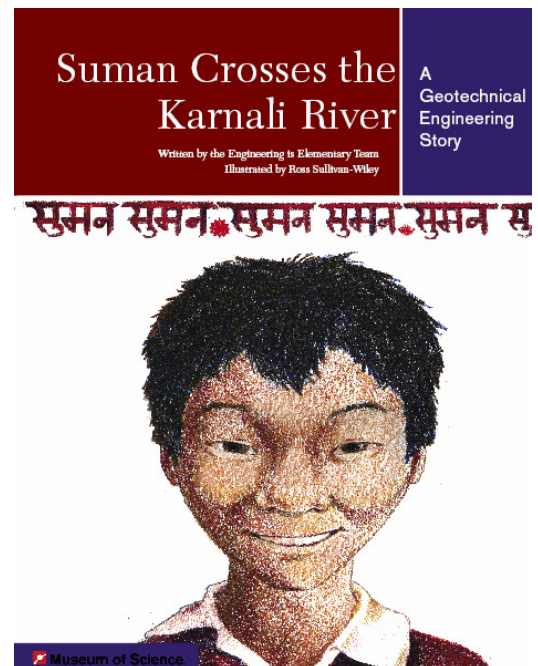
- ✂ A storybook featuring a child from a different country and/or background who demonstrates that with some creativity and knowledge of the engineering design process, everyone can engineer.
- ✂ Lesson plans with detailed instructions and tips for basic and advanced students.

- ✂ Duplication masters with photocopy-ready handouts for students at different grade bands.

- ✂ Background information and additional resources for teachers.
- ✂ Assessment sheets and rubrics.



Javier, an Hispanic boy from the USA, needs to build a bridge over a creek so his step-sister can safely cross.  
**Recommended for Grade 3.**



Suman wants to convince the elders of his village in Nepal to use geotechnical engineering to site their new TarPul so it will not wash away every rainy season.  
**Recommended for Grade 3.**



# Engineering is Elementary Training for K-5 Teachers

Session I – Building Bridges – Recommended for Grade 3  
Wed., August 5 *and* Thu., August 6, 2009

– OR –

Session II – Evaluating a Landscape – Recommended for Grade 3  
Wed., August 5 *and* Fri., August 7, 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 20, 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 - August 5 & 6 (0809PD31) or August 5 & 7 (0809PD32)

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. \_\_\_\_\_