

Engineering is Elementary

Teacher Training

August 5th - 7th

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

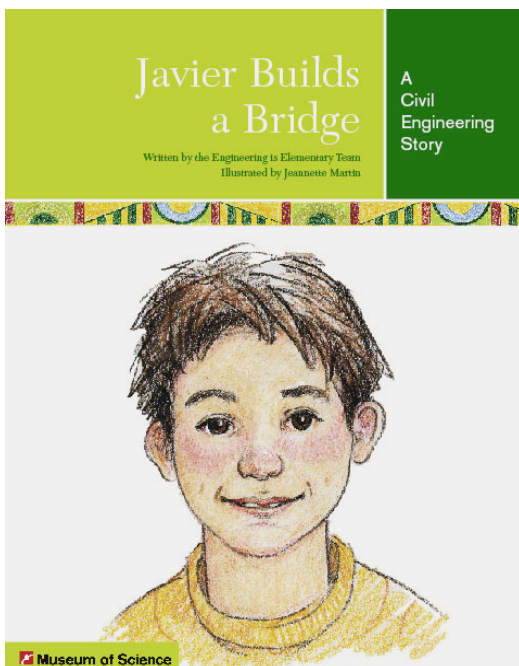
Students use their problem solving skills as they apply their knowledge of science and engineering to design, create, and improve individual engineering products.

Each EiE Unit includes:

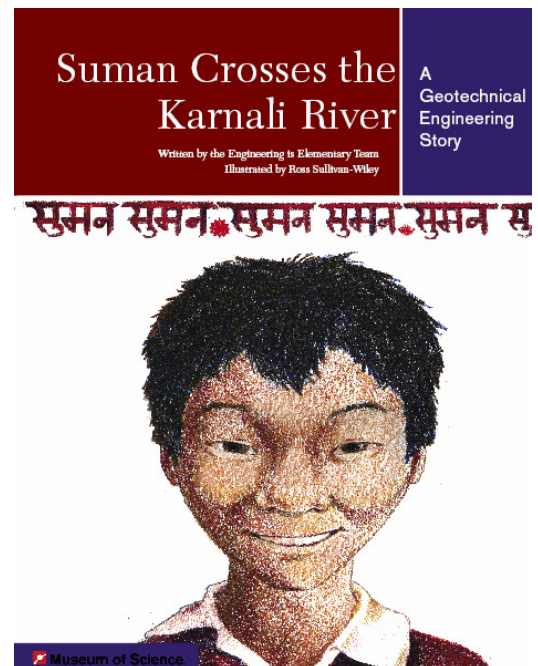
- ✂ A storybook featuring a child from a different country and/or background who demonstrates that with some creativity and knowledge of the engineering design process, everyone can engineer.
- ✂ Lesson plans with detailed instructions and tips for basic and advanced students.

- ✂ 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

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. _____