

Easton Learning Foundation

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What is ELF?

- **The Easton Learning Foundation (ELF)**
- Student focused
- Donor built
- Non-profit, tax-exempt organization
- Volunteer Board members and Advisors with diverse experience

What types of grants does ELF fund?

- **Innovative technology**
 - **Classroom projects**
- **Professional development**

5 Year Anniversary

Thank you!

ELF has provided over \$183,000 of educational enrichment to our schools.

Thank you!

Our mission is to be a long-term partner with our school district to enrich education in Easton.

We have a plan.

ELF announces a five-year **STEM** Campaign

❖ **S**cience, **T**echnology, **E**ngineering and **M**ath will be the focus of ELF grants for the next five years for all Easton Schools

❖ *Joel Barlow High School*

❖ *Helen Keller Middle School*

❖ *Samuel Staples Elementary School.*

Why **STEM** learning?

- Education that prepares students for occupations in areas such as engineering, science, medicine, architecture and information technology
- The United States is experiencing a high-tech staffing crisis. (STEM occupations)

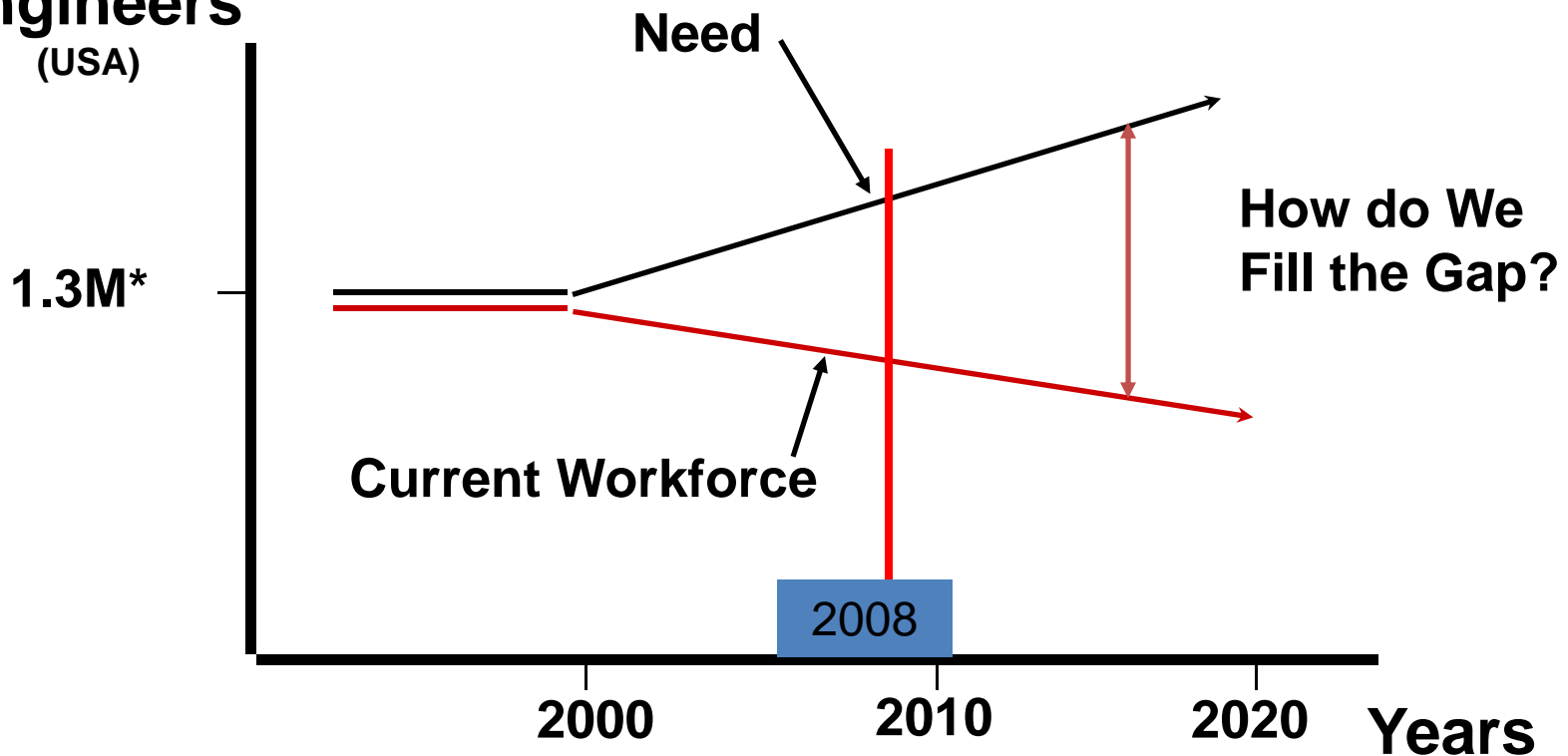
At risk:

- National security
- Global competitiveness

Future Engineering Need & Supply

This is true for the Power Industry as well...

Practicing
Engineers
(USA)



The Boeing Company 1/28/05

* Note: Total workforce with Science & Engineering education exceeds 10M, 30+% work in S&E; Engineering accounts for 1.9M degrees and 1.3M working in the field, (NSF Science and Engineering Indicators 2000)

Research Studies show that by High School many students...

- **Don't understand what engineers do**
- **Believe only the "super smart" can become engineers**
- **Believe that engineering is for "guys" only**

RESEARCH

The reality is:

- Research shows that most engineers choose their fields as a result of exposure to engineering concepts at a young age.
- Thus, the earlier students explore engineering concepts, the more likely they will foster an interest in this field of study.

STEM Grant request #1 :

Grant Title: *“Gateway to Technology”*, a hands-on pre-engineering program designed by Project Lead the Way

Content Area: *Pre-Engineering, Technology, Science, Math*

Applicants: *Joan Parker and Sue Kaplan (HKMS)*

Target Population: *2000 Middle School students*

(Approx. 400 students/year x 5 years = 2000 total students)

Project Lead The Way[®] Programs

A different approach to
education



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Amount: *\$115,000 (provides for 5 years of program costs)*

Middle School Program: Gateway To Technology[®]

1. Design and Modeling[™] (9 wks)
2. Automation and Robotics[™] (9 wks)
3. The Magic of Electrons[™] (9 wks)
4. The Science of Technology[™] (9 wks)
5. Flight and Space[™] (9 wks)
6. **Energy and the Environment[™] (9 wks)

*****to be developed***

For More Information

Visit www.pltw.org

and

www.eastonlearningfoundation.org

Flood Middle School
Stratford, CT
Gateway to Technology Room



Flood Middle School
Stratford, CT
Gateway to Technology Room



Flood Middle School Stratford, CT

Gateway to Technology Room



What can you do?

- **Donate** to the ELF STEM campaign
 - Our goal is to raise \$115,000 by May 2010 to fund this program to be in place next year
- **Join** ELF as a board member, advisor or volunteer
- **Lead** or have your company lead a STEM related workshop for our students
- **Ask** if your company has a charitable foundation that would consider providing a grant to ELF

What can you do? (con't)

- Support ELF Events

- **September 26th**- Annual used sports equipment sale at HKMS tennis courts
- **October**- Annual community appeal letter
- **May 20th** - 2nd Annual town wide Trivia Bee
- **School year**- STARS (gift program to teachers)
- **Social Event**- TBA
- **Sports Fun Day**- Date TBD



ELF ~ Donation Form~ STEM

Campaign

Please mail this form with your tax-deductible contribution to:

ELF, PO Box 437, Easton, CT 06612 (checks payable to “Easton Learning Foundation”)

Name _____

(company/individual name as you would like to be printed)

Address _____

Email _____

- | | |
|---|---|
| _____ \$ up to \$99 Friend | _____ \$ 1,000 - \$2,999 Benefactor |
| _____ \$ 100- \$375 Donor | _____ \$ 3,000 - \$4,999 Sponsor |
| _____ \$ 376 - \$499 Contributor | _____ \$ 5,000 - \$19,999 Partner |
| _____ \$ 500 - \$999 Patron | _____ \$20,000 & up Sustaining Partner |

____ My employer(s) will match this gift. ____ I would like my donation to remain anonymous.

To pay by credit card please go to www.eastonlearningfoundation.org

Thank You! Thank You! Thank You!

Easton Learning Foundation

www.eastonlearningfoundation.org