

The Mother Daughter TEA

(Technology Engineering Aptitude)

The Perfect Workshop for Recruiting Girls into Technical Fields!



Engineering Education
Service Center



Celeste Baine and Mary Kaye Bredeson

What's the Mother Daughter TEA?

- ✦ The Mother Daughter TEA is a one day event that provides middle school girls with a unique opportunity to complete hands-on activities and interact with an engineering professional to learn about valuable, high-wage opportunities in the engineering industry.
- ✦ The Mother Daughter TEA event was founded to encourage young women to pursue a career in engineering.



Overview



- ✦ The idea for organizing a mother-daughter engineering workshop came from the belief that a supportive environment at home that encourages engineering and technological careers offers young girls an extraordinary opportunity to develop non-traditional interests and aspirations.
- ✦ Mothers were involved to expose them to the kinds of engineering careers that are available and to influence them to encourage their daughters to learn more about engineering!

Workshop Goals



- ✦ For participants to increase positive feelings about engineering and technological careers;
- ✦ To further develop their problem-solving skills (especially those involving hands-on building and spatial visualization);
- ✦ To become familiar with women's contributions to the world of engineering; and
- ✦ To help participants see how engineering is one of the best ways to help people, promote a healthy environment and make a huge contribution to society.

The Day's Structure



- ✦ Welcome and Introductions
- ✦ Engineering Careers Talk
- ✦ Ice Breakers
- ✦ Hovercraft Activity
- ✦ Whale Band Aid
- ✦ Lunch - Videos
- ✦ Protect Your Melon
- ✦ Tall Towers (time permitting)

Hold a Mother Daughter Workshop at Your Location

What you get:

- ☀ All materials needed to engage no more than 40 Mother/Daughter teams in hands-on engineering activities for the entire workshop.
- ☀ A take-home engineering project for each girl.
- ☀ An engineering T-shirt for each girl.
- ☀ A copy of *Ideas in Action: A Girl's Guide to Careers in Engineering* for each girl.
- ☀ Teaching Engineering Made Easy Resource Kit for each teacher (up to four). This powerful teaching kit provides teachers with an instant library of curriculum, career resources, classroom strategies, and inspiring information. This kit also gives classroom teachers an easy and dynamic way to meet curriculum standards and competencies.

Costs



- ✦ Workshop price \$3795 + travel expenses + shipping (if needed).
- ✦ Other expenses:
 - ✦ Food
 - ✦ Location
 - ✦ Promotion (flyers, mailing, etc.)

For More Information or to Apply to Hold a Workshop

Visit:

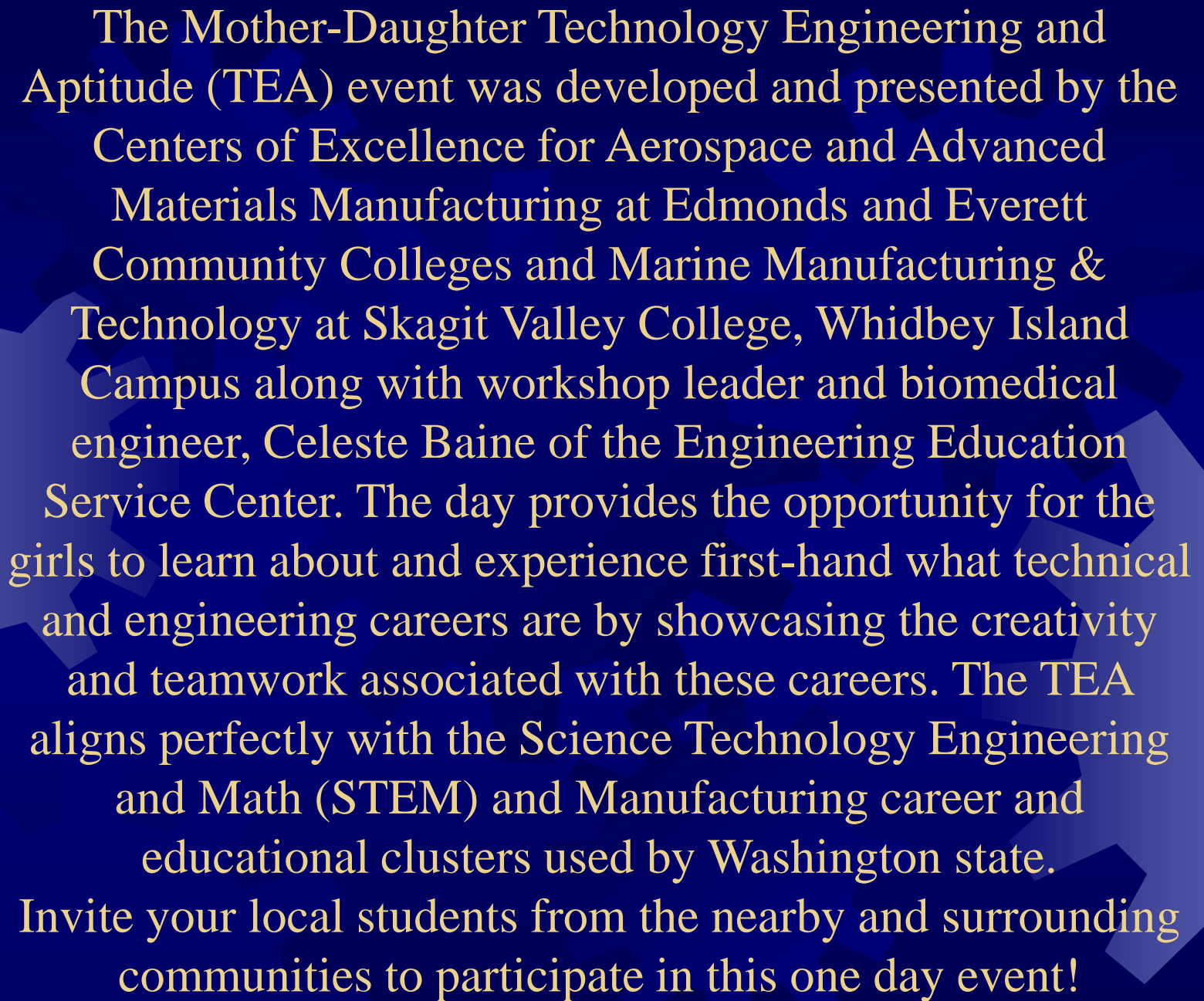
www.engineeringedu.com/pw/mdtea.html

Additional information can also be obtained by contacting:

Celeste Baine: (541) 988-1005 or celbaine@engineeringedu.com

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The Mother-Daughter Technology Engineering and Aptitude (TEA) event was developed and presented by the Centers of Excellence for Aerospace and Advanced Materials Manufacturing at Edmonds and Everett Community Colleges and Marine Manufacturing & Technology at Skagit Valley College, Whidbey Island Campus along with workshop leader and biomedical engineer, Celeste Baine of the Engineering Education Service Center. The day provides the opportunity for the girls to learn about and experience first-hand what technical and engineering careers are by showcasing the creativity and teamwork associated with these careers. The TEA aligns perfectly with the Science Technology Engineering and Math (STEM) and Manufacturing career and educational clusters used by Washington state. Invite your local students from the nearby and surrounding communities to participate in this one day event!

