

Engineering is Elementary (EiE) Spring / Summer 2013 Series

A T-STEM 2013 Training, the Engineering is Elementary® (EiE) project fosters engineering and technological literacy among children. EiE has created a research-based, standards-driven, and classroom-tested curriculum that integrates engineering and technology concepts and skills with elementary science topics. EiE lessons not only promote K-12 science, technology, engineering, and mathematics (STEM) learning, but also connect with literacy and social studies.

Storybooks featuring children from a variety of cultures and backgrounds introduce students to an engineering problem. Students are then challenged to solve a problem similar to that faced by the storybook character. Through a hands-on engineering design challenge, students work in teams to apply their knowledge of science and mathematics; use their inquiry and problem-solving skills; and tap their creativity as they design, create, and improve possible solutions. In the end, students realize that everyone can engineer!

- EiE Engineering Adventures – Bubble Bonanza: Designing Bubble Wands
**Engineering Adventures is not a traditional EiE module, but is designed specifically with afterschool, camps, and out-of-school applications in mind*
 - March 4, 2013
 - Workshop # SP1325753, \$100
- EiE – A Work in Progress: Improving a Play Dough Process
 - April 6, 2013
 - Workshop # SP1325754, \$150
- EiE – Water Water Everywhere: Designing Water Filters
 - May 11, 2013
 - Workshop # SP1325717, \$150
- EiE – A Sticky Situation: Designing Walls
 - June 15, 2013
 - Workshop # SU1325765, \$150
- EiE – Sounds Like Fun: Seeing Animal Sounds
 - July 30, 2013
 - Workshop # SU1325764, \$150
- EiE – A Work in Progress: Improving a Play Dough Process
 - August 14, 2013
 - Workshop # SU1325766, \$150



Museum of Science®

For more information:

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Register via ESC Region 13 E-Campus

<https://ecampus.esc13.net/login.html>