

Science Teachers Enrichment Program “Dustbusting by Design” July 19-23, 2010



Spend a week at MIT’s Center for Materials Science and Engineering at a free hands-on workshop that addresses the engineering design process, motor technology, and energy issues. Under the guidance of Professor Steven Leeb, explore the design challenges associated with hand-held vacuums, then design and construct your own dc motor.

The motor-building lab portion of the workshop is taught simultaneously to high school women on campus participating in the Women’s Technology Program

Additional program features include presentations by MIT researchers on polymers and battery materials. The final day of the workshop is devoted to group discussion and brainstorming related projects for use in K-12 classrooms.



Program details:

- **Science teachers at local middle and high schools are invited to apply**
- **Program takes place 9:00-5:00 Monday-Friday, July 19-23**
- **\$300 stipend will be awarded to each participant**
- **Registration form available at <http://mit.edu/cmse/educational/STEPApplication10.pdf>**

For further information or questions, contact:

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*MIT is a non-smoking environment.
Women and members of minority groups are encouraged to apply.*

