



MISSION

of the Houston Area Committee

To provide pre-university Teacher In-Service Programs, and general support to help improve student interest in Science, Technology, Engineering and Math, also encourage careers in these (STEM) fields.

TISP

Teacher In-Service Programs



Our local IEEE Committee, supported by the national IEEE, will organize local TIS seminars in many different school districts. Science and Math teachers, or mixed educator groups will be invited to TISP Seminars.



Students Learn From Technology

TEACHERS: Assistance for Promoting STEM

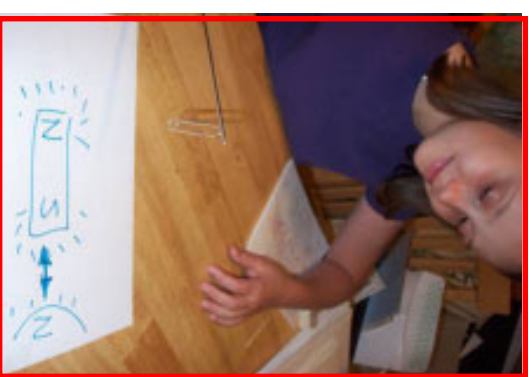
- + IEEE Support, Complementing Schools' Goals
- + Motivation Assistance from IEEE Volunteers
- + Science Based, Hands-On Lesson Plans...
- + Teacher-In-Service Accredited Seminars
- + Access to IEEE Webs, Publications, etc.

Teacher Expectations and Student Benefits

IEEE Volunteers, Supporting Teachers to Motivate Students in Science, Technology, Engineering and Math (STEM)

STUDENTS: Motivated to Learn STEM to:

- + Learn What Engineers Actually Do
- + Exceed Educational Testing Goals
- + Appreciate Technology in Everyday Life
- + Provide Creative and Lucrative Careers
- + Ensure More Engineers For Our Economy
- + Raise Understanding- As Well as Test Scores



Science Is Fun !

Teacher Resources

from IEEE :

- Teacher In-Service Seminars
- Lesson plans for technology
- Web access for training, and fun
- IEEE publications & magazines
- Assist with meetings or classes
- Limited financial support
- Access to industry contacts
- Exciting projects to 'build'
- Help to explain new technology
- Get to know real engineers
- 370,000 members in 160 countries



Houston IEEE

Student Activities Committee

www.ieee-houston.org/Societies/

[EduCommittee.htm](http://www.ieee-houston.org/Societies/EduCommittee.htm)

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Teacher In-Service & Student Webs

- <http://ieee.org/web/education/preuniversity/tispt>
- www.ieee.org/portal/pages/education/faqs/index.html
- http://www.ieee-houston.org/Societies/SAC_Index.htm
- www.TryEngineering.org
- www.careercornerstone.org

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Institute of Electrical and Electronics Engineers