

INSPIRE THE NEXT GENERATION VOLUNTEER FOR STEM OUTREACH!

Transportation engineers, planners, and STEM professionals can help inspire students to explore **science, technology, engineering, and mathematics (STEM)**. Whether you volunteer for a classroom visit, mentoring program, or STEM activity, even a small contribution can make a lasting impact.

Youth STEM Programs

STEM Programs where professionals can mentor, judge competitions, or lead activities directly with students.

DiscoverE - Discover Engineering

Volunteers support Engineers Week, Introduce a Girl to Engineering Day, and classroom engineering activities.
<https://discovere.org/>

Future City Competition

A national program presented by DiscoverE where volunteers mentor school teams designing sustainable cities.
<https://futurecity.org/>

FIRST - For Inspiration and Recognition of Science and Technology

Mentor robotics teams, judge competitions, or support STEM events for K-12 students.
<https://www.firstinspires.org/community/volunteers/roles>

Engineerteen (National Academy of Engineering Program)

Supports outreach and mentoring encouraging teens to pursue engineering.
<https://www.engineerteen.org>

ACE STEM Organization - Architecture, Construction, Engineering STEM Program

Volunteers mentor school students interested in architecture, construction, and engineering careers.
<https://www.acestemacademy.org/>

Community Youth Organizations

Organizations where volunteers can support STEM learning through local clubs and activities.

4-H - Head, Heart, Hands, Health Youth Development Program

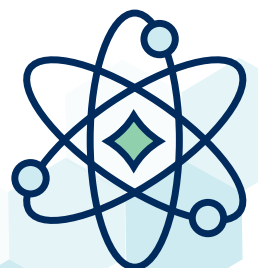
Volunteers lead STEM projects, clubs, and competitions for youth nationwide.
<https://4-h.org/>

Camp Fire

Provides youth programs including outdoor education and STEM learning opportunities.
<https://campfire.org/get-involved/>

Boys & Girls Clubs of America (BGCA)

Volunteers help deliver STEM activities and mentoring programs for youth in local clubs.
<https://www.bgca.org/get-involved/volunteer/>



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Scouting STEM Programs

Scouting America (formerly Boy Scouts of America)

Volunteers can support scouts working on STEM-related merit badges such as engineering, robotics, automotive technology, and digital technology.

<https://www.scouting.org/merit-badge-tips-guide/stem-merit-badges/>

Cub Scouts STEM Adventures

Volunteers support STEM activities integrated into Cub Scout rank advancement programs.

<https://www.scouting.org/program-updates/stem-adventures/>

Girl Scouts STEM Programs

Provides STEM activities and badge programs encouraging girls to explore science and engineering.

<https://www.girlscouts.org/en/activities-for-girls/for-every-girl/stem-activities-science-technology-engineering-math.html>

Professional Organizations Supporting STEM Outreach

Professional societies where engineers can volunteer for STEM outreach, mentoring, and education initiatives.

ITE - Institute of Transportation Engineers

ITE members volunteer for STEM outreach, classroom engagement, and transportation career awareness programs.

<https://www.ite.org/technical-resources/transportation-science-technology-engineering-math-stem-resources/>

ASCE - American Society of Civil Engineers

Supports pre-college outreach and engineering education through local sections and volunteer programs.

<https://www.asce.org/communities/get-involved>

NSBE - National Society of Black Engineers

Volunteers support youth programs, mentoring, and outreach encouraging students to pursue engineering careers.

<https://nsbe.org/>

SWE - Society of Women Engineers

Promotes engineering careers for women through mentoring, outreach programs, and STEM events.

<https://swe.org/>

WTS Transportation YOU - Women's Transportation Seminar Program

Mentoring and career exploration program encouraging girls to pursue transportation careers.

<https://www.wtsinternational.org/wts-foundation/transportation-you>

In addition to these programs, volunteers can also partner with local libraries, museums, and schools to support STEM activities and inspire students in their communities.

