

# Get inspired and engineer a brighter future

**Teach Engineering** offers a free digital library of thousands of classroom-tested, standards-aligned K-12 engineering resources created in collaboration with educators across the nation. Our goal is to increase access and opportunity for K-12 educators and students to engage with engineering and engineering design thinking.

“When I first started incorporating engineering into my science curriculum, I was left grappling with the question, ‘What does K-8 Engineering look like?’ Teach Engineering came to my rescue with a plethora of lesson plans and hands-on activities that were ready to use tomorrow, utilizing easily accessible materials.”

- Elementary School STEM Teacher



## THE TEACH ENGINEERING CURRICULUM IS:

### ACCESSIBLE

Free K-12 engineering resources that use low-cost, readily available materials.

### HANDS-ON, DESIGN-BASED

Improve students' understanding of fundamental engineering, math, science and technology concepts by engaging their design, visualization, creativity and teamwork skills.

### TEACHER-TESTED & PEER-REVIEWED

All resources are written by educators for educators, have been classroom tested and are reviewed by external educators and engineers.

### STANDARDS-ALIGNED

Most of our resources are aligned to K-12 math and science educational standards such as Next Generation Science Standards, Standards of Technology and Engineering Literacy and/or Common Core Math Standards.

### INTERACTIVE

Our comprehensive "how-to" videos augment our curriculum, providing step-by-step guidance to help educators seamlessly integrate hands-on engineering lessons and activities into their classrooms.

# Get Involved with Teach Engineering



## CURRICULUM

Download and use thousands of free engineering lessons, activities and how-to videos.



## PUBLISH

Work with the editorial team to submit and publish original hands-on engineering activities.



## REVIEW

Use your teaching experience and/or expertise in engineering content to review incoming materials.



## PROFESSIONAL DEVELOPMENT

Learn more about engineering design, broadening participation in engineering and how to use the digital library.

“Teach Engineering’s greatest strength lies in its ability to support teachers at all levels, from novice to expert. This program has been there to support my growth as an educator and my students' learning.”

- K-12 STEM Educator

## ENGINEERING EDUCATION COMMUNITY OF PRACTICE

Teach Engineering's goal is to democratize engineering education by increasing access and opportunity for K-12 educators and students to engage with engineering and engineering design thinking. At Teach Engineering, we realize that we cannot accomplish this alone.

Interested in joining us? Please email [info@teachengineering.org](mailto:info@teachengineering.org) to learn more.



For more info visit

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