

2023 Planning Guide

February 19–25, 2023

This year’s Engineers Week theme—*Creating the Future*—recognizes the vital role engineers and technicians play in innovating solutions to today’s global challenges and asks you to engage K-12 students in engineering.

Use the tips below and our extensive library of resources to celebrate engineering and transform a student’s future.



Engage K–12 students in engineering

You can:

- **Do STEM activities.** Our library is filled with low-cost, hands-on activities that are all kid approved!
- **Tune-in to Chats with Changes Makers** and introduce your students to real engineers.
- **Invite an engineer or stem professional** to visit your program.
- **Organize an Engineering Open House.** Select four activities, staff with high school students or volunteers, and invite parents and their kids to try them out.
- **Explore Engineering Careers.** Learn the 10 reasons to love engineering and just how much money different types of engineers make.
- **Join us** on social media #Eweek2023

Use these resources at your events and programming:

T-shirts • Bookmarks • Stickers
 Certificates • Social Media Graphics •
 Sample Posts • More!

Get quick tips on how to:

Talk to Kids (and Adults!)
 About Engineering



Invite a STEM Professional to
 Your Classroom or Afterschool
 Program

Lead Hands-on Activities

Be a Role Model

Recommended Activities

Leader and student instructions and a short video are available for each one.

Strongest Shapes



Using index cards and only one shape in your design, build a bridge that can support a toy car.

Launch It



Build an air-powered rocket using straws and balloons that can hit a target 5 feet away.

Mechanical Hand



Design a mechanical hand with tubes and string that can bend and straighten like a human hand.