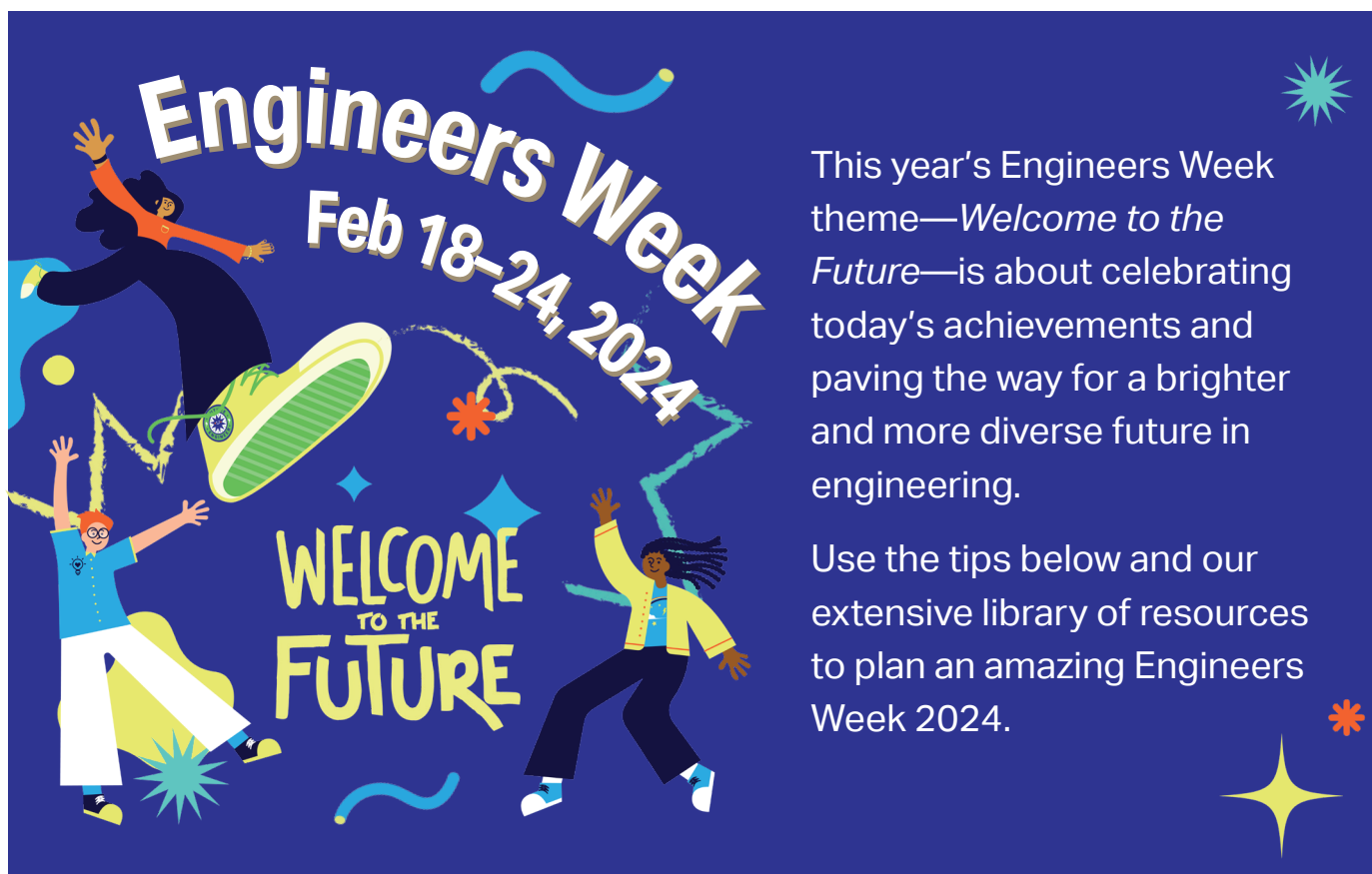


# 2024 Educator Planning Guide



This year's Engineers Week theme—*Welcome to the Future*—is about celebrating today's achievements and paving the way for a brighter and more diverse future in engineering.

Use the tips below and our extensive library of resources to plan an amazing Engineers Week 2024.

## Engage K–12 Students in Engineering

- **Do engineering 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.
- **Participate in Future City** and challenge middle and high school students to design a city that can exist 100 years in the future.
- **Organize an engineering event or open house.** Select four activities, staff with high school students or volunteers, and invite parents and their kids to try them out. [Check out sample events.](#)
- **Explore engineering careers.** Learn the 5 reasons to love engineering and just how much money different types of engineers make.
- **Join us** on social media #Eweek2024

## Recommended Engineering Activities

### 170+ Free Activities

- Leader Notes
- Student Instructions
- Challenge Videos
- Filter by Topic, Grade, Time and Engineering Discipline

### A Winch Lightens the Load

Make a model winch to haul buckets of stuff up and down without spilling any of it.



### Truss Bridge

Design, build, and test a straw bridge with a truss design similar to the International Space Station.

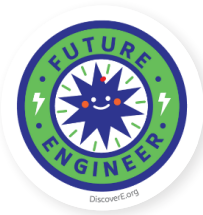


### Foil Boats

Design and build a boat from aluminum foil that holds as many pennies as possible before it sinks or capsizes.

## Resources for Your Events and Programming:

T-shirts • Bookmarks • Stickers • Certificates • Social Media Graphics & Posts • Logos • [More!](#)



## Three Easy Ways to Interest Kids in Engineering

1. Talk about engineering in a way that's appealing and aligns with their interests.

### Key Messages:

- Engineering is open to everyone
  - Engineering is a well-paying profession
  - Engineering makes a difference in people's lives
2. Connect them with role models they can relate to.
  3. Lead students in engineering activities.

[Learn more!](#)