

2027 Educator Planning Guide

dream **create** **engineer**

This year's Engineers Week theme "Dream. Create. Engineer." celebrates the imagination, creativity, and problem-solving that drive engineering and shape the world around us.

Central to Engineers Week is the importance of fostering a sense of belonging, ensuring that students know that engineering is open to everyone.

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.** Check out 5 reasons to love engineering and learn about different career paths.
- **Join us** on social media #Eweek2027

Recommended Engineering Activities

170+ Free Activities

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

Build a Bridge (Grades 3–8)

Students design and build sturdy bridges using just a single piece of paper or aluminum foil. How many pennies can the bridge support?



Curious George Pinwheel (Grades PreK–3)

Students gain an understanding of windmills and how they spin with wind by making pinwheels out of paper, pushpins, and pencils.

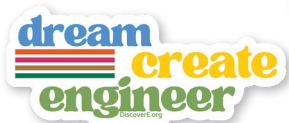


Flight Test (Grades 6–12)

Students learn about drag and compete to design a “spoon plane” that glides down a zipline the fastest.

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!](#)

Looking for Engineers Week events near you?
Check out the [Engineering Navigator!](#)