

2026 Educator Planning Guide



Engage K-12 Students in Engineering

- <u>Do engineering activities</u>. Our library is filled with low-cost, hands-on activities that are all kid approved!
- <u>Tune-in to Chats with Changes Makers</u> 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 #Eweek2026

Recommended Engineering Activities

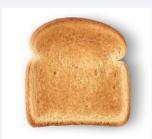
170+ Free Activities

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

Score! (Grades 6-8)

In this challenge, students build a simple arcade game where players use a catapult to launch an object and earn points.





Making Toast (All grades)

Introduce students to the Engineering Design Process within the context of making toast. All you need is a pen and paper!



Hot House (Grades 9–12)

Students design a model passive solar house that will heat up and retain heat for as long as possible.

Resources for Your Events and Programming:

T-shirts • Bookmarks • Stickers • Certificates • Social Media Graphics & Posts • Logos • <u>More!</u>



Three Easy Ways to Interest Kids in Engineering

 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!