



Engineering
Tomorrow

SCAN HERE
TO REQUEST
STEM LABS



Real engineers and hands-on labs. Standards-aligned. No cost.

Bring STEM to life with engaging, hands-on engineering experiences that connect classroom learning to real careers and engineers. Engineering Tomorrow provides everything you need — ready to fit into your lesson plans.

Request Labs Today

BUILT FOR YOUR CLASSROOM

- ✓ Real engineering challenges that build critical thinking and teamwork
- ✓ Live Zoom sessions with practicing engineers
- ✓ Standards-aligned labs, with all materials shipped to your school at no cost
- ✓ Request labs and find teaching materials at our teacher hub

HOW OUR LABS WORK



Watch

Every lab begins with an introductory video that explains the topic and activity.



Connect

Your class meets live with an engineer over Zoom at any point during the lab to ask questions and explore engineering careers.



Build

Your class completes a hands-on engineering design challenge using the provided materials.

OUR MISSION

Inspire the next generation of engineers by making hands-on STEM learning accessible to every classroom. We help students discover engineering, develop confidence, and imagine futures they never thought possible.

5M+

Labs Completed

15,000+

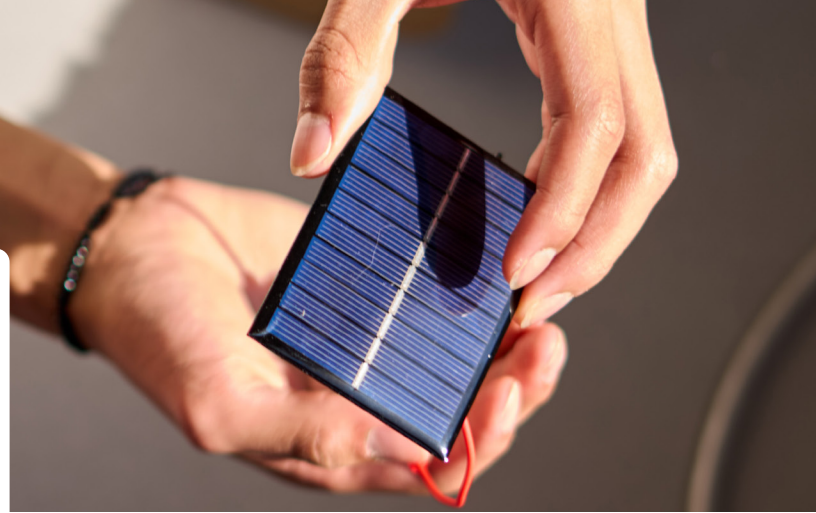
Educators Served

Learn More



ENGINEERINGTOMORROW.ORG

17 standards-aligned labs ready to reinforce the lessons you already teach



Aerodynamics

Airplane Design & Optimization



Artificial Intelligence

Applied Machine Learning with Catapults



Astrodynamics

Exploring Space & Developing Launch Vehicles



Biomedical Engineering

Using Light to Cure Disease



Bridges

Building Structures That Last



Clean Water

Filtration Systems & Water Conservation



Cybersecurity

Protecting Data with Encryption



Electric Vehicles

Building & Racing Your Own EV



Genetics

Diagnosing Disease with Bioinformatics



Green Hydrogen

Exploring Hydrogen Power & Electrolysis



Packaging Engineering

Learning the Physics of Impact



Pharmaceuticals

Designing & Producing Effective Medicines



Remediated Sites

Decontaminating & Restoring an Environment



Renewable Energy

Building Solar & Wind Systems



Semiconductors

Electroplating & Integrated Circuit Production



Smart Circuits

Building Programmable Electronics



Sound & Acoustics

Mitigating Noise Pollution

Request today to inspire your students with engineering.

- ✓ Access to practicing engineers via Zoom
- ✓ Classroom materials including no-cost kits and lesson guides
- ✓ Live events with guest engineers and career exploration resources

Request Labs Today



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