



Introduce your students to the world of engineering.

Engineering Tomorrow brings the diverse world of engineering to students who otherwise might not have the opportunity to explore it. Our no-cost labs and hands-on instruction ignite curiosity and give students a path to a career in engineering.

Why Engineering Tomorrow?

Labs are always conducted with no cost to schools, teachers or students.

Hands-on student activities get students excited and keep them engaged.

Cutting-edge instruction led by professional engineers.

OUR GOAL

To inspire the next generation of engineers and foster more diverse perspectives in the field, leading to a more innovative world and a better future for all.

OUR IMPACT

757,000+
students engaged

572,000+
in the 2023-24 academic year

5,000+
school partners

8,900+
teacher participants

47%
of students are black or hispanic

40%
of students qualify for free/reduced lunch

24%
of college-bound ET students enroll in engineering

46%
of those students are black or hispanic

21%
of those students are female

LEARN MORE ABOUT ENGINEERING TOMORROW



To find out more about how we introduce students to a life of engineering call 917.334.4126 or email contact@engineeringtomorrow.org.



Corporations interested in sponsoring an Engineering Tomorrow lab, contact Megan Barrett at megan.barrett@engineeringtomorrow.org

ENGINEERINGTOMORROW.ORG



Our labs cover a broad array of topics. We design them to align with your teaching goals.



Aerodynamics

Airplane Design & Optimization



Algorithms & AI

Applied Machine Learning with Catapults



Astrodynamics

Exploring Space & Developing Launch Vehicles



Biomechanical Systems

Assistive Technology with Eye Tracking



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



Medical Devices

3D Printing for Prosthetics



Optimizing Networks

The Traveling Salesman Problem



Pharmaceuticals

Designing & Producing Effective Medicines



Remediated Sites

Decontaminating and Restoring an Environment



Product Engineering

3D Printing and CAD



Renewable Energy

Building Solar & Wind Systems



Robotics

Intro to Coding & Virtual Robot Navigation



Semiconductors

Electroplating and Integrated Circuit Production



Smart Circuits

Building Programmable Electronics



Software Engineering

Building an App Using MIT App Inventor



Sound & Acoustics

Mitigating Noise Pollution



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