


Resources for Teachers

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TRY Engineering

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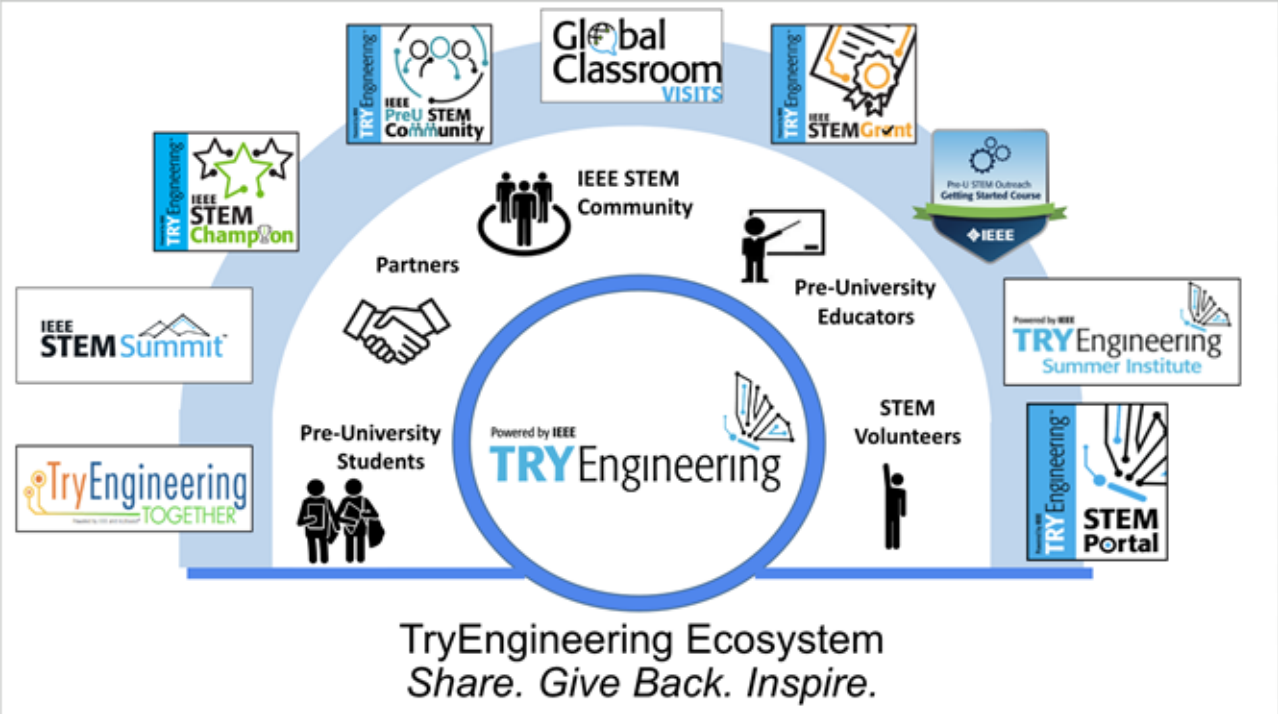
Resources from TryEngineering

IEEE TryEngineering provides resources for educators to be used in classrooms and outreach activities to inspire the next generation of engineers and technologists.



Why?

School-aged children who pursue a career in engineering develop “Engineering Habits of Mind” and special soft skills such as resilience to failure, critical thinking and many more.

Dedicated volunteers are at the service of individuals and organizations who share Pre-university Education Coordinating Committee's vision, providing valuable support and collaboration opportunities.

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Why?

The Engineering Design Process is an iterative way of thinking that not only helps engineers design solutions to the world's most challenging problems, it also helps spark curiosity and problems solving skills among all learners.

Teachers are invited to use TryEngineering Lesson Plans to enhance the classroom experience for all students.

TryEngineering Lesson Plans

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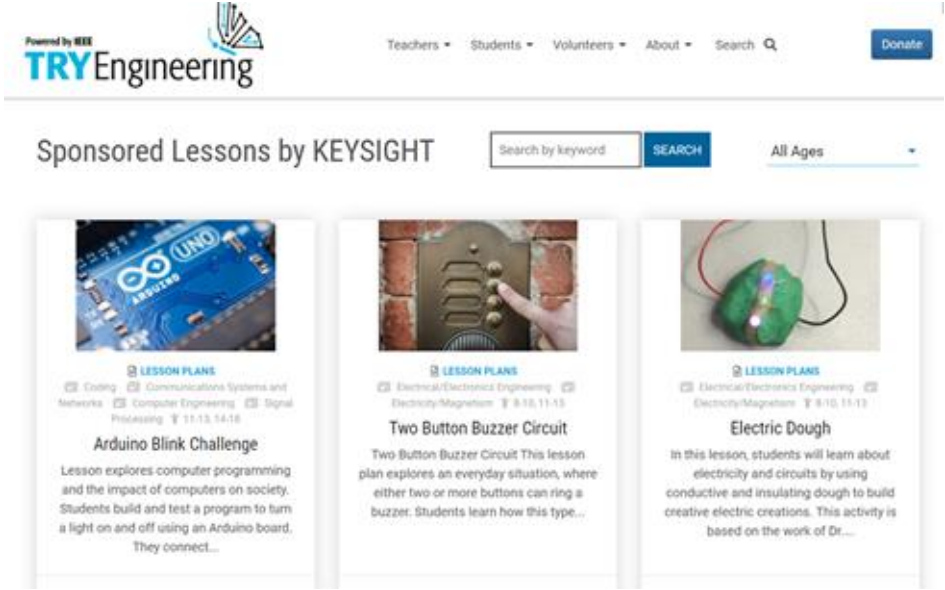
More than 130 Lesson Plans

- + Lesson Plan Presentation
- + Materials & Preparation
- + Engineering Design Challenge
- + Activity Instructions & Procedures
- + Engineering Design Process
- + Background Concepts
- + Vocabulary
- + Dig Deeper
- + Curriculum Alignment
- + Related Engineering Fields and Degrees
- + Student Worksheet
- + Translations



Ebooks by TryEngineering & the YouTube Channel

YouTube

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Our Flagship Conference - October 22-23

IEEE STEM Summit™

Nearly 1000 STEM Enthusiasts joined us in 2025 to hear from internationally known speakers who shared their ideas and resources for STEM Outreach.

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Professional Development Sessions

Powered by IEEE TRYEngineering EDUCATOR SESSION

Learn with TryEngineering!

- Arizona State University
- University of Florida (Orlando)
- University of Minnesota

Topics and Activities include:

- Semiconductors
- Engineering Design Process
- Tour of a Clean Room
- Artificial Intelligence

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Interested? Contact: tryengineering@ieee.org

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TryEngineering.org

All of our resources can be found on our website: tryengineering.org, available at no cost for all teachers.

- Lesson Plans
- News
- Video Resources
- Career Information

Thank you

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