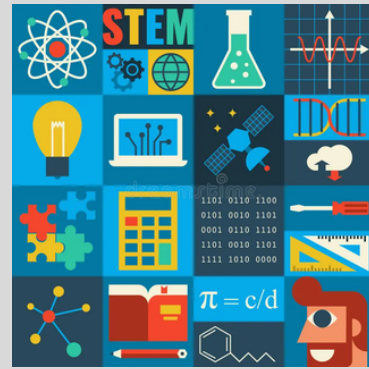




LOOK AS THESE STEM OPPORTUNITIES IN OCTOBER

Check out these key STEM events that happen in October:

- (October 4–10): Celebrates space science, technology, and exploration history.
- Manufacturing Day (First Friday in October): Highlights modern manufacturing careers and technology.
- Ada Lovelace Day (Second Tuesday in October): Honors the achievements of women in STEM fields.
- National Metric Day / Week (October 10 / Week of Oct 6–12): Promotes the metric system and measurement science.
- Earth Science Week (Mid-October): Fosters awareness and study of Earth systems and planetary science.
- National Chemistry Week (Mid-to-late October): Encourages hands-on chemistry education and experiments.



PARENTS WANT AFTERSCHOOL
STEM OPPORTUNITIES FOR
THEIR KIDS

77%

of all parents agree that afterschool programs help children gain interest and skills in STEM



AMERICA AFTER 3PM SPECIAL REPORT

Findings from the newly published America After 3PM Special report on STEM show that access to STEM in afterschool programs is now nearly equal for boys and girls, but a gap persists in how much parents prioritize and how satisfied they are with STEM programming. Parents of boys place considerably higher importance on computer science, technology, and engineering than parents of girls. Learn more by reading the full report:

[**READ THE REPORT**](#)

THIS MONTH'S RESOURCES

25 CREATIVE HALLOWEEN STEM ACTIVITIES



Halloween naturally lends itself to the "S" in STEM. Science is often about exploring the unknown and the mysterious. During October, children are already primed to think about transformations, strange creatures, and "magical" effects. By introducing STEM concepts now, you are meeting them exactly where their interest lies.

[EXPLORE THE ACTIVITIES](#)

ENERGY GAMES AND ICEBREAKERS

Engage your students with fun activities that introduce energy, efficiency, and conservation. This popular guide now includes two brand-new activities for the school year: Energy Beach Ball and Energy Would You Rather? Both are great for introducing or reinforcing key concepts before diving into your energy unit.



[FREE PDF DOWNLOAD](#)

THE LOUISIANA STEM COLLABORATIVE PROJECT IS PRESENTED IN PARTNERSHIP WITH THE NATIONAL GIRLS COLLABORATIVE PROJECT

[VISIT THE WEBSITE](#)



[NGCP ANNOUNCEMENTS](#)

THE IMPORTANCE OF STEM EDUCATION FOR K-12 STUDENTS IN LOW-INCOME SCHOOL DISTRICTS

In today's rapidly advancing technological world, science, technology, engineering, and mathematics (STEM) lead innovation and economic growth. While STEM education benefits students across the board, access to quality STEM education is crucial for students in low-income districts to develop the necessary skills and knowledge to thrive in the 21st-century workforce.

[READ THE ARTICLE](#)



NATIONAL
MATH + SCIENCE
INITIATIVE



FALL-THEMED SCIENCE ACTIVITIES AND LESSONS

Thematic activities connect different subjects under one central topic, making learning more engaging, memorable, and meaningful. A fun, central theme can boost engagement by sparking a child's natural curiosity and keeping them excited to participate. These activities pair changing leaves and temperatures, apple season, pumpkins, Thanksgiving, and fall festivities with free lessons and activities that enrich hands-on STEM learning.

[EXPLORE THE ACTIVITIES](#)

*"Everyone should be taught that they too can have an accomplished STEM career."
Char Sample, Cybersecurity Researcher*