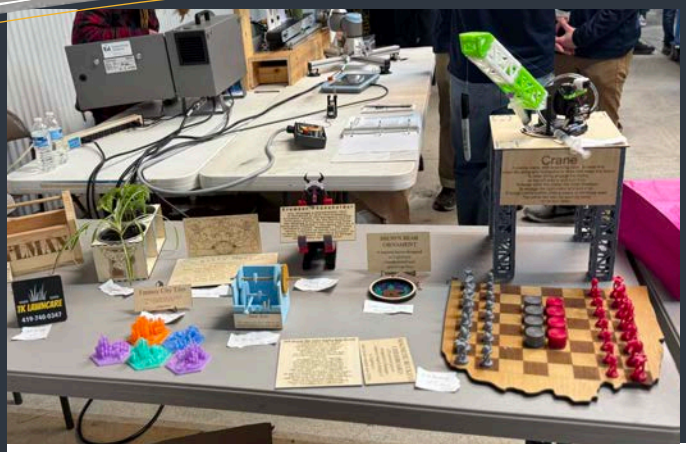
Mar 11 2026

News, Resources, & Notes



this issue

News & Resources P.1

More News & Resources P.7

Outreach Notes P.16

Upcoming Events:

1. Northwest Ohio Regional Technology (NORTech) Robotics Competition, March 12, BGSU
2. ITEEA Annual Conference, March 25-28, 2026. Virginia Beach
3. National Robotics Challenge, April 16-18, 2026. Marion
4. OTEEA School Exhibits and Restoration Innovation Challenge, April 17, 2026, Marion

OTEEA webinars online archive

OTEEA News, Resources, and Notes online archive

STEM is Elementary Newsletter Subscription And Archived Issues

STEM competitions and more resources spreadsheet

Link to OTEEA membership form

2026 OTEEA School Exhibits and Restoration Innovation / Reclaimed Lumber Contest

This year's 2026 Spring OTEEA School Exhibit Program will be a one day event is in conjunction with National Robotic Challenge event Friday April 17th. This year's School Exhibit program will be on the Marion County Fairgrounds.

The School Exhibit information and application are at the end of this document and you can download it here.

Our second challenge is the new Restoration Innovation / Reclaimed Lumber Contest. The idea is to create a unique project of your choice from something that is considered junk/not pretty/useless. The rules of the Contest are also below.

We encourage your involvement in this year's school exhibits and the Restoration Innovation / Reclaimed Lumber Contest. It will prove to be rewarding to you, your students, your program, and your school. Whether you bring one project or many, it will promote public awareness of your program and Technology and Engineering Education.

For more information contact: Levi Brown - OTEEA School Exhibits Manager

Wright-Patterson AFB Land To Be Set Aside for $38M STEM Center

Dayton Dailey News

'It will become a community asset,' said Joe Sciabica, leader of the Employers' Workforce Coalition.

A signing ceremony marked the Air Force's designation of 16 acres near the National Museum of the U.S. Air Force on the base's Area B for what is described as a first-of-its-kind facility dedicated to preparing the next generation of scientists, engineers, and technical professionals.

"There are a lot of moving pieces needed for this to fall into place," said Joe Sciabica, a former civilian executive director of the Air Force Research Laboratory, who today leads the Employers' Workforce Coalition, an initiative of The Dayton Foundation and its partners.

When complete, the building will host tenants and partners including Air Camp, the Wright-Patterson Educational Outreach Office, the Strategic Ohio Council for Higher Education and others.

Read more

46th Annual NEED Youth Awards Program for Energy Achievement

Youth Awards projects are energy outreach activities that are student-driven and student-run. Students work together to plan and track their goals, complete activities and outreach, document their work, and submit in the form of a 15-slide PDF or new option to submit as an Energy Story Map.

There's still time to bring your project to life! Don't miss out! Check out the Youth Awards Program website for more information, FAQs, and view past winning projects to help students garner inspiration. Our handy NEED **2026 Program Guide** provides step-by-step guidance and provides sample outlines. Email **info@need.org** with any questions, we're happy to help!

Get Started Today

STEM Is Elementary

The March issue of STEM is Elementary is available here.How a failed invention lead to a potentially life-saving new idea

CENTRAL OHIO STEM EXPO

The Central Ohio STEM Expo was a Fun Filled Day of Knowledge and Exploration for students in Kindergarten through 8th grade featuring fun, interactive activities and exhibits in the Science, Technology, Engineering and Math fields. There were 30 exhibitors all with hands on activities.

Spectrum News video


CENTRAL OHIO
STEM EXPO
Registration Desk


TOOLE
DESIGN


Terracon
Explore with us


AEP
OHIO
An AEP Company


Bridging the World
Leonardo da Vinci

Space Technologies Improving Life on Earth

As NASA fosters technologies needed to live and work farther away from home than ever before, the agency's Technology Transfer program has the sole mission of getting those innovations into the hands of companies, entrepreneurs, and, ultimately, everyday people. The agency's *Spinoff* publication has captured this endeavor for half a century, sharing stories of space technologies improving our lives on Earth.

Any NASA work can result in spinoff technology. Technology developed by engineers to make life easier for astronauts on the International Space Station has evolved into an implantable heart monitor that helps keep heart-failure patients out of the hospital; equipment developed to 3D-print habitats on other planetary surfaces is now used to fabricate custom wall panels, cladding, facades, and even entire neighborhoods of affordable housing on Earth; and software built to support astronauts during lunar missions now powers robots that clean bathrooms, build homes, and assist with warehouse and assembly-line work.

SPINOFF 2026

OSLN News

CTE+STEM Innovation Lab: Free workshop for Ohio CTE teachers

The CTE+STEM Innovation Lab is a new, three-day professional learning experience for Ohio CTE educators, developed in partnership with the Department of Graduate Success and the Ohio STEM Learning Network. Held August 11–13, 2026 in Columbus, the program provides hands-on, classroom-ready strategies for inquiry-based, career-connected learning aligned to Ohio's CTE pathways.

Spots are limited and early application is strongly encouraged. Read more about the program and apply below.

Learn more and apply by April 15, 2026

Spring into STEM 2026: Tour Ohio schools

The Ohio STEM Learning Network is excited to announce Spring into STEM 2026, a statewide tour of exceptional STEM and STEAM schools hosted by our seven regional hubs.

Each school offers a unique lens on STEM education, whether it's integrating creative arts with engineering, building career pathways for high school students, or connecting agricultural education to science and technology. Bring your questions, curiosity, and a desire to rethink how STEM learning can happen in your community.

Explore the tour schedule below and discover the strengths that make each school a leader in STEM education.

Spring into STEM 2026 Schedule

Battelle Teacher Academy: Free professional development for Ohio teachers

The Battelle Teacher Academy is a yearlong cohort connecting your classroom to local industry. The program includes an externship with a manufacturing partner, professional development hours, and optional graduate credit through Ashland University. Open to K–12 teachers in any subject area.

The $2,000 program fee is fully covered through Navy funding.

Learn more and apply by March 14, 2026

The Future is Now: Strategies for Teaching AI

Artificial intelligence is already shaping classrooms, and educators don't have to navigate it alone. The Future Is Now: Strategies for Teaching AI is a new, hands-on professional learning opportunity for grades 8–12 educators that builds confidence in teaching AI literacy across content areas, no coding required. Learn more about this free in-person program and how it supports responsible, standards-aligned AI instruction.

Learn more and apply by March 16, 2026

Bring CS to your classroom at no cost

Computer science (CS) education is at a crossroads in Ohio. While only 61% of Ohio high schools offer a CS course, nearly all jobs now require digital skills. This year, the Ohio STEM Learning Network is offering three programs, all at no cost, to help educators and districts build CS capacity.

Choose your path:

Ignite CS: For K–8 educators new to computer science

Three in-person workshops plus two virtual sessions give you hands-on experience with classroom-ready tools and curricula. You'll attend a culminating showcase with a school administrator to share what you've learned. Regional ESC partners provide technology kits to support implementation. Apply to Ignite CS.

Professional Learning Series: For educators ready to go deeper

Join topic-focused webinars designed for educators across Ohio. Three tracks are available: CS and Computational Thinking Integration, AI and Modern Technology, and Creating with CS. Build the skills you need to take students further. Register for the series.

Sustaining CS: For district leadership teams

Six one-hour virtual sessions help superintendents, curriculum directors, and technology coordinators develop a written CS implementation plan tailored to your district's context and resources. Teams of 2–3 recommended. Apply for Sustaining CS.

All programs are offered at no cost to Ohio educators who plan to implement CS instruction in 2026-27.

EXPLORE ALL CS PROGRAMS

Apply to IGNITE CS

March Mathness Event Blends Basketball and STEM

(SolStock/Getty Images)

The Great Lakes Science Center in Cleveland is celebrating its 30th anniversary with "March Mathness," a monthlong event that combines basketball with STEM learning. The event features hands-on experiments and challenges, such as the "Nothin' But Net! Gravity Challenge," where participants design trampolines and catapults to launch mini basketballs. The center will also celebrate Pi Day and Albert Einstein's birthday with activities that demonstrate the role of math and physics in everyday activities and space travel.

Full Story: WEWS-TV (Cleveland) (3/7)

April 16-18, 2026
Marion, Ohio
www.thenrc.org

Drones in School News

DRONES IN SCHOOL NEWS

In Drone Racing, the Only Limit is Your Imagination

As we prepare for our regional and championship events, we want to share a story that perfectly captures the heart of our mission: Drones in School is a program where every student can excel.

We recently came across the inspiring story of Luisa Rizzo, a young woman born with Spinal Muscular Atrophy. While her condition prevents her from walking, she has become a two-time world champion drone racer. As Luisa says, "I can't walk, but I can fly." In the world of First-Person View (FPV) racing, she competes on a completely level playing field against any pilot, reaching speeds of up to 200 km/h.Drone racing is one of the few sports where students of all

Technology and Engineering Education News and Resources

Activities, Contests, Student Opportunities, and New Technologies

abilities compete together, at the same time, under the same rules. Like Luisa, your students can find a sense of freedom and mastery that carries over into their academics and personal lives.

As you encourage and mentor your teams this season, we hope you look for the "Luisas" in your school. Whether a student is a star athlete or faces challenges, they have a place on the flight line. Let's make this season your best yet!

Watch Luisa's Story Here

Read full Late-February newsletter

Peregreen V4 Fully 3D Printed Drone Sets New Speed Record at 657.59 km/h

The world's fastest drone title has changed hands once more. YouTuber and engineer Luke Maximobell, together with his father, has reclaimed the Guinness World

Record with their latest creation, Peregreen V4, a fully 3D printed quadcopter that reached a top speed of 657.59 kilometers per hour with tailwind.

[Read the Full Story Here]

[Read full Early-March newsletter]

Participating in events earns Season Points for your team, making it possible for you to qualify for an invitation to The Season Championship at XPONENTIAL '26!

Surface Roughness Basics: Understanding Texture, Measurement, and Impact

[MECHANICAL By Interesting Engineering]

Surface roughness describes the microscopic texture of a material's surface and is a common specification in engineering drawings and manufacturing. Even surfaces that appear smooth contain tiny peaks and valleys when viewed under magnification. These small irregularities form naturally during manufacturing processes such as machining, casting, molding, extrusion, or 3D printing.

Surface roughness plays an important role in component performance. The texture of a surface affects friction, wear, lubrication retention, sealing performance, and even how easily a part can be cleaned. If a surface is too rough, the peaks and valleys may accelerate wear, promote corrosion, or disrupt fluid flow.

However, making a surface extremely smooth is not always desirable either. Very smooth finishes can reduce lubrication retention and grip between moving parts, and they are also more expensive and time-consuming to manufacture. Engineers, therefore, aim to achieve an optimal level of roughness that balances performance and cost.

Surface roughness is often confused with surface finish, but the two are not identical. Surface finish is a broader concept that includes roughness along with other surface characteristics such as form, lay, and waviness. These factors describe the overall condition of a surface and can influence whether a part functions properly.

To quantify roughness, engineers use standardized parameters derived from measurements. Two of the most commonly used are average roughness and mean roughness depth, which describe the average deviation of surface irregularities and the typical peak-to-valley height. Measurements can be performed using several methods, including surface comparators for quick visual checks, stylus profilometers that scan the surface with a fine probe, and advanced optical or atomic-scale techniques that create detailed three-dimensional surface maps.

Understanding surface roughness helps manufacturers control quality, improve product performance, and ensure components are produced efficiently and reliably.

NEO:STEM Now Newsletters

Building the Future of STEM in Northeast Ohio

Connecting schools, businesses, and communities to inspire curiosity, develop future-ready STEM skills, and open doors to new opportunities.

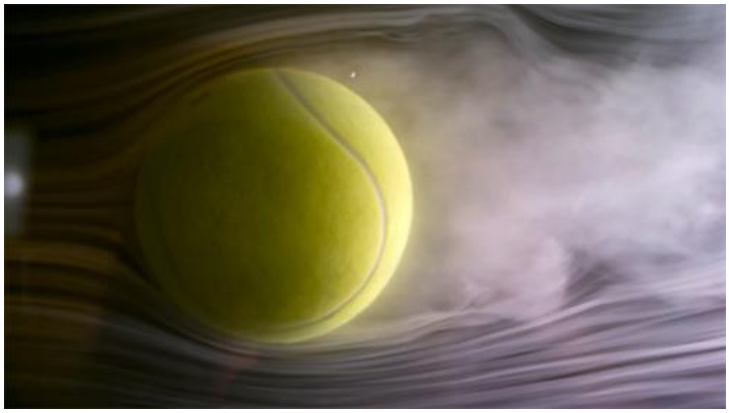
[Read February 27 Newsletter here]

[Read March 6 Newsletter here]

Make a STEM Connection: Wind Tunnels

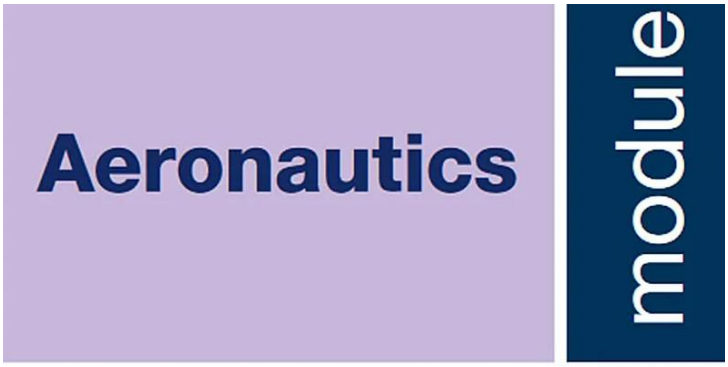
The month of March often brings windy weather as we get ready to welcome spring. At NASA, creating our own wind is an important part of pushing the boundaries of flight, both in aircraft design and rocketry advancements.

This week, let's explore the ingenuity of wind tunnels with STEM resources and hands-on activities.



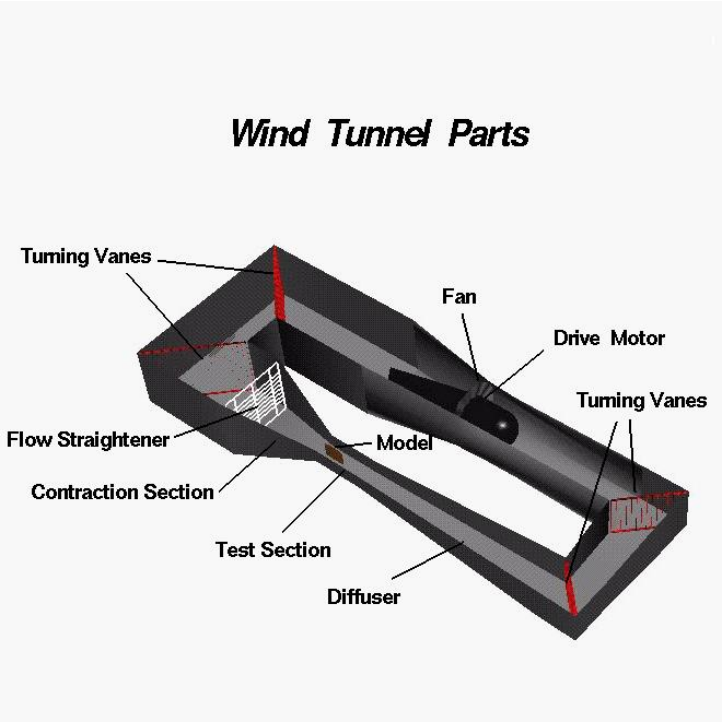
NASA Knows Article:
What Are Wind Tunnels? (Grades K-4)

NASA Knows Article:
What Are Wind Tunnels? (Grades 5-8)



Hands-On Activities: Aeronautics Module

Wind Tunnels
Educator Guide



Beginner's Guide to Wind Tunnels

Surprisingly STEM Video:
Wind Tunnel Engineers

The Quiet Crew Video: Sonic Boom Wind Tunnel Testing

Visit the **NASA STEM Search** to find more activities and resources.

Ford Scrapped Cost-Cutting Norms To Create its $30,000 EV

Wards Auto

The automaker applied bounties, not bean-counting, down to the smaller parts that collectively have a cascading effect on an EV's weight, aerodynamics and overall efficiency.

Ford Executive Director of Advanced EV Development Alan Clarke. The former Tesla executive leads work on Ford's Universal Electric Vehicle Platform — and the midsize electric pickup it will spawn in 2027. Courtesy of Ford

While large, heavy, super-quick electric vehicles underscore the genre's incredible performance potential, there's more of a physics challenge — and a tougher puzzle — to develop lean and efficient EVs that are competitive on price versus gas-powered vehicles.

That's part of what Ford set out to do with its Universal Electric Vehicle platform, which is due to launch in 2027 as a midsize pickup with a target starting price of around $30,000. The electric truck is slated to be built at the automaker's assembly plant in Louisville, which formerly built the Escape SUV. The new EV is one of five more affordable vehicles Ford has promised to launch by 2030.

To get there, the company had to face the puzzle differently — by not tallying costs on a part-by-part

basis. According to Alan Clarke, Ford's Executive Director of Advanced EV Development, a vicious weight spiral can result from grabbing low-cost off-the-shelf components in order to meet performance targets, then adding a bigger battery to meet driving range or more heavy-duty components support the added weight. To avoid that, Ford's UEV platform team took a different tactic, justifying and tracking the tough trade-offs that can ultimately bring ripple effects to an EVs overall efficiency, which it referred to as "bounties."

Read more

Free Professional Development at the Spring AI Café in Putnam County

March 25, 2026
4:00 pm – 7:00 pm
Putnam Co. ESC
124 Putnam Parkway, Ottawa, OH 45875

Sponsored by The Northwest Ohio Center for Excellence in STEM Education (NWO) at Bowling Green State University's College of Education and Human Development

A list of session titles will be provided upon registration!

Educators and administrators are invited to engage in collaborative brainstorming sessions focused on the evolving role of artificial intelligence in education.

Attendees will rotate through a series of 45-minute, small-group discussions centered on key topics such as AI tools in the classroom, responsible AI usage, prompt engineering, using AI to Enhance Creative Thinking, and others.

Come share ideas, gain insights, and connect with fellow professionals as we explore the potential and challenges of integrating AI in education.

The following will be provided:
- Snacks & beverages
- Continuing education credits (CEUs)
- Opportunities for networking

Register here

BGSU's AI Collective is comprised of northwest Ohio K-12 teachers, administrators, higher education faculty, and business leaders.

STEM Education Works March Newsletter

Funding Resources Made For You

Check out our online funding resources, including a searchable grant database. Our goal is to make it easier to find opportunities that fit your current needs.

Grants and Resources

Women's History Month: The WNBA, STEM, and the Power of Feeling Seen

For Women's History Month, our own **Chauntée Pitts** shares a personal reflection on what the WNBA and seeing women compete at the highest level has meant to her. She reminds us that when girls see women succeed, they begin to believe they belong. Read her story and consider how visibility in your classroom shapes the futures your students imagine for themselves.

Read Blog

Featured Video

A Novel Approach for Integrating 3D Printing Processes into Traditional Manufacturing

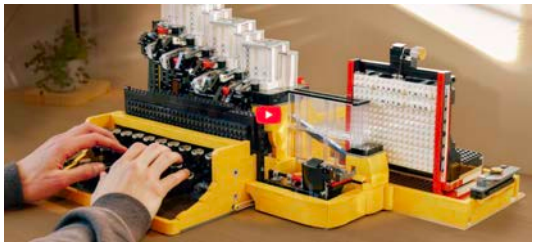
Modern manufacturers have found that 3D printing offers many unique and interesting advantages over traditional manufacturing processes. Can technology and engineering education programs see benefits from incorporating 3D printing technology into traditional material processing courses?

Watch now to learn more!

Man Builds Functional Typewriter out of Legos

Popular Science

The inkless device works a bit like a printing press.



Lego kits have become impressively intricate over the years, but the company really outdid itself with a 2079-piece typewriter in 2021. Part of its Ideas series, the brickmakers released the fully functioning mechanical keyboard. It's a unique and extremely well designed set, although not without its limits. Somewhat understandably, the Lego typewriter allowed you to type on it, but it couldn't actually put any ink to paper.

Lego expert and YouTuber Koenkun Bricks was not completely satisfied with the tradeoff, however. In a recent video, the Netherlands-based hobbyist documented his quest to create a functional typewriter that actually pressed tiny Lego letters onto a sheet of "paper" that is also built from strips of Lego tiles. The final results are mesmerizing to watch—but only if you can handle all the trial-and-error it took to him to get there.

Read more and watch video

Join Young Entrepreneur Institute Wednesday, March 18 for This Month's Educator Power Hour Celebrating Female Entrepreneurs

Join us to explore YIPPEE resources centered around female entrepreneurs as we celebrate Women's History Month.

Who: K-12 Educators
What: YEI's March Educator Power Hour
Topic: Celebrating Female Entrepreneurs
Where: Online via Zoom (you will receive a link after registering)
When (U.S.): Wednesday, March 18, 4:00pm EST. Convert to your time zone here.

Register

Ohio Creativity Trail: Ohio Glass Museum and Gay Fad Studios

Ceramic Tech Today

Learn more about the CTT special series on the Ohio Creativity Trail and find links to all the ceramic and glass sites highlighted in this post.

With vast reserves of natural gas and high-quality silica sand, Ohio became a glass manufacturing powerhouse during the 1800s. All around the state, in large cities and smaller towns, factories sprung up to take advantage of these resources.

Toledo often receives a lot of attention for its glass history, even sporting the nickname The Glass City. However, there is another smaller city in Ohio that is also known as The Glass City: Lancaster, located about 30 miles southeast of Columbus in Fairfield County. Although some of the earlier

glass companies in this region went out of business after only a couple years, Anchor Hocking (founded in 1905 as the Hocking Glass Company) is still in business.

[Image above] Set of glasses featuring U.S. presidents from Ohio on display at the Ohio Glass Museum. Credit: Laurel Sheppard

You can take a deep dive into Anchor Hocking and Lancaster's glass history by visiting the Ohio Glass Museum.

Lancaster is also home to Gay Fad Studios, which was originally run by artist and businesswoman Frances "Fran" Taylor from 1945 to 1962. Taylor was a pioneer in decorating everyday glassware, including drinkware, and also recognized other talented women artists by employing them in both artistic and leadership roles.

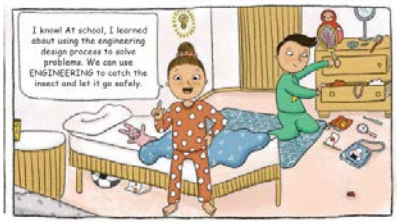
Read more

Bringing STEM Home: a Look at EiE Families' Impact on Engagement and Learning

A New Topic Each Month to Spark Ideas for the Classroom

Even years after COVID-19, educators continue to navigate widening achievement gaps, reduced instructional time, and increased demands—especially in high-poverty communities where students were most affected. To help support both teachers and families, EiE® (Engineering is Elementary) and the Museum of Science, Boston, created EiE Families®, a free program offering research-based STEM activities designed for children ages 4–11 to complete with caregivers at home. The goal is to spark curiosity in engineering and computer science while providing educators with an accessible tool to reinforce learning beyond the classroom.

Family learning has long been tied to improved academic outcomes, including increased confidence, better attendance, and stronger graduation rates. The EiE Families program builds on this foundation by transforming EiE's proven classroom model—already shown to improve student understanding of engineering—into short, engaging, comic-based activities. Each storyline introduces a real-world problem and guides families through a child-friendly engineering or computer science design process using only everyday household materials. The comics feature diverse characters illustrated by artists from the cultures represented, ensuring both authenticity and broad appeal.



Read the Full STEM Sparks to Learn Mores

The Kid Should See This

The Kid Should See This

Smart videos for curious minds of all ages

Here are some selected videos.

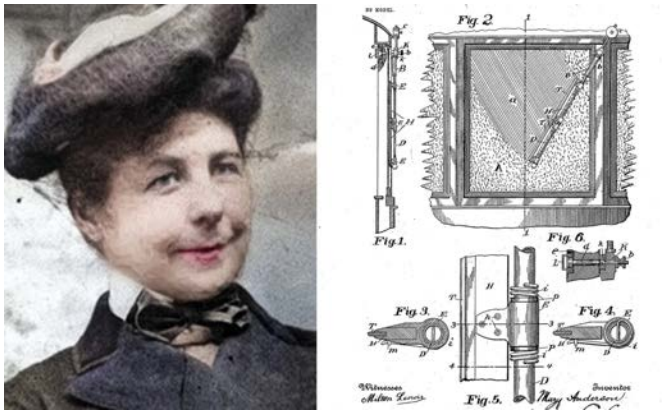
- Why do office chairs have 5 legs?
- Sampler Paper Pop-up Mechanism Booklet
- Life for women in the 13 Colonies
- How to turn toilet paper rolls into DIY boxes

Windshield Wipers' Overlooked Female Inventor

Popular Science

Before cars and buses became ubiquitous features of the modern cityscape, many cities installed streetcars to shuttle residents from

neighborhood to neighborhood. In the summer months, the journey was a sweltering one, with dozens of sticky, sweaty passengers crammed together in the heat. But winters were worse.



On November 10, 1903, Birmingham businesswoman Mary Anderson was issued U.S. Patent NO. 743,801 for her "window-cleaning device." Image: Public Domain

The biggest problem wasn't that trolleys were unheated—that advancement came with their electrification in the 1890s—it was that sleet and snow made it impossible for streetcar drivers to see. They had no choice but to either hang their heads out an open window or to stop completely every few blocks to manually clean the glass from the outside. The frigid air rushed in either way.

Businesswoman Mary Anderson had never experienced public transportation's seasonal struggle back home in Birmingham, Alabama. But shivering in a streetcar during a winter visit to New York City in 1902 gave her an idea. What if the operator could clear his windshield from inside the trolley without opening either a window or door?

Read more

How Medieval Cathedrals Were Built Without Science, or Even Mathematics

Open Culture

Science and engineering may be conflated to some degree in the public mind, but anyone who's spent much time in an academic department belonging to one or the other of those branches of endeavor knows how insistently distinctions can be drawn between them. Bill Hammack, a professor of engineering at the University of Illinois Urbana-Champaign who's been there since he was a master's student in 1986, surely has his own thoughts on the subject. The video from his popular YouTube channel Engineerguy explains how cathedrals were designed in the Middle Ages, using the example of Sainte-Chapelle in Paris. Specifically, it gets into how such a building's arches and supporting walls could have been engineered without the aid of science at all, or even the use of mathematics.

Read more and watch video

Upcoming 250th Events

Check our **Events Calendar** for the full schedule of America 250-Ohio upcoming events. We are constantly adding more so keep checking back often!

250 places to Celebrate America

In this interactive map, you'll discover the nation's history in a way you've never seen it before. Grouped into 10 categories, each with 25 locations, these spots each offer a way to celebrate the American spirit, from acts of bravery and innovation to wonders of nature and artistic brilliance. You can also peruse them regionally.

ITEEA Connections

This newsletter strives to present content and opportunities that reflect ITEEA's Standards for Technological and Engineering Literacy (STEL). Many resources including crosswalks, compendiums, articles, and presentations can be found at the STEL site.

This Week's Technology Tips

Why You Should Never Let Your Gas Tank Drop Below a Quarter
AAA The Extra Mile

Learn how a low gas tank can damage your fuel system, leave you stranded, and lead to costly expenses.

Being stuck for hours I a highway emergency underscores the importance of always keeping your gas tank at least a quarter full. Along with helping you stay warm during a roadway emergency, it provides a buffer when fuel availability is disrupted. And that's not all. There are other important reasons to avoid letting your gas tank run too low. This article gives six of them.

Read more

Cleaning Up Squeeze Out

Woodworkers Guild of America

One of the most common questions we get at WWGOA is, "How do I clean up glue squeeze out on my projects?" I recently had Bob from Titebond Glue in my shop, and the expert gave the answer you've all been looking for. If you use glue, you HAVE to watch this video.

Bob and the folks at Titebond took a scientific approach (watch the video to hear what they did) to getting the best answer for us woodworkers, and here it is. Wipe that squeeze out with a wet rag. I've been slicing tacky glue from the surface with a putty knife since forever!! I can't wait to try this new approach.

Read more

""The real danger is not that computers will begin to think like men, but that men will begin to think like computers."
— Sydney J. Harris

2026 OTEEA State Project Show Information

When: Friday April 17, 2026 - Setup: 8am-10am - Judging –12 pm – 2 pm

Where: Marion County Fairgrounds – Evers Arena the building to the West of the Marion Coliseum – During the NRC.

How: Sign up your school with the categories that match your projects. Email lbrown@riverdalefalcons.org to lock in your table. (Note – Each School will get 2 tables unless you tell me otherwise.) Return by Friday March 27, 2026.

2026 School Exhibits Categories

Recommended that each project displayed have documentation of some sort. Such things may include a problem statement, drawings, time line for construction activity, list of materials needed for activity, cost of materials for activity, list of component parts, report of conclusions on activity.

2026 School Exhibits Application

School: _____ Instructor(s): _____

Phone Numbers:

Cell # (preferred) _____ OR School # _____

School Email: _____

Are you bringing HS or Middle School Projects?_____
(Note: You're allowed to bring both, just indicate both)

How many Student Participation Certificates would you like? _____

Please indicate below how many project cards needed in each area:

_____ Woods Projects

Intro Level Project

Advanced Level Project

_____ CAM (Computer Aided Manufacturing)

Laser Engraving

Plasma Cutting

CNC Routing/Milling

_____ 3D Printing

3D Printing Projects

_____ Graphic Arts

Technical Drawing (non computer)

Photography

Film and Docs

_____ Construction

Residential Wiring

Framing

Home Maintenance

Plumbing

_____ Bio Related Technology

_____ STEM Connections

Collaboration

_____ Restoration Innovation

_____ Metals Projects

Sheet Metal Project

Welding Project

_____ Architecture

Design/Drawing Residential or Commercial

Prototyping

_____ Manufacturing Mass Production

Assembly line

Robotic Arm

_____ Computer Generated Technology

CAD drawings

3 Dimensional Drawings

_____ Energy/Power/Transportation

Propulsion

Hydraulics/Pneumatics

Electronics

Alternative Energy

_____ Engineering

Robotics

Invention/Innovation

Reverse/Analysis Testing

As a representative of my school, I release OTEEA and their representatives from any liability for loss or damage that might occur to your display.

Signature: _____

Return this form to: Levi Brown
19376 County Highway 85
Forest, Ohio 45843
Phone #: 567-674-0209

Or Email: lbrown@riverdalefalcons.org

Return School Exhibits Application by Friday March 27th

Restoration Innovation / Reclaimed Lumber Contest

- **Create a unique project of your choice from scrap, unwanted furniture. Anything that can be reclaimed or redone.**

- **This should be as $ free as possible**

Project Guidelines

- Pick a project – Make it fun/ Make it unique
    - Examples:
        - Pallet projects
        - Project with old doors
        - Metal/wood projects with scrap

Documentation

- **We need a before and after picture brought with the project to see its transformation.**