WONDER, EXPLORE & LEARN TOGETHER

MAY 12-23, 2022 - Events Brochure

Events listed are up-to-date as of April 13, 2022. Please check the website for the latest updates on event info.

RemakeLearningDays.org
@PA-SEED-Ecosystem-269194353564629  @PASEDEcosystem

#RemakeDaysSEPA  #WhenYouWonder
Explore interactive learning events for families, caregivers and youth of all ages! Build robots, invent with 3D printer, experiment like scientists, explore new paths, create your own art or music and more. Each listing provides the following information:

<table>
<thead>
<tr>
<th>Date and Time</th>
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</thead>
<tbody>
<tr>
<td>Type of Event</td>
</tr>
<tr>
<td>(virtual, in-person or hybrid)</td>
</tr>
<tr>
<td>Geographic Location</td>
</tr>
<tr>
<td>Learning Theme</td>
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<tr>
<td>Grade Level</td>
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<tr>
<td>(from Pre-K through High School)</td>
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<tr>
<td>Professional Development</td>
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<tr>
<td>Cost</td>
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<tr>
<td>(the majority of events are free)</td>
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To explore events and learn more, visit RemakeLearningDays.org where you can search events by these themes.

Regional Hosts

Media Sponsor

RemakeLearningDays.org/southeasternpa
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Career Ready PA is excited to provide a seamless opportunity for students to obtain artifacts for their career portfolio by participating in Remake Learning Days events tagged with a “backpack.”

The Remake Learning Days festival takes place across Pennsylvania between May 12-23, 2022. A variety of organizations showcase host free events for all age groups and provide hands-on learning opportunities. Participating organizations include libraries, schools, tech centers, museums, play spaces, community centers and more.

Did you know that 91% of STEM jobs in Pennsylvania will require some form of a postsecondary credential? Participating in hands-on learning is one way to learn STEM and employability skills. The STEM career tree has many branches, and you may explore one at the Remake Learning Days festival.

Did you ever think that creating an invention, learning to code, or planting a garden builds employability skills? Activities like learning how to fly a drone, marketing a product, and helping your community is a foundation to your future career pathway!

Events listed under Career Ready PA qualify for the Career Ready PA Backpack Challenge. Students who participate will earn a Career Ready PA Backpack Challenge badge. Career Ready PA will also award a banner to schools with up to 100 artifacts.

When students finish the event, they will need to complete the artifact survey on the Career Ready PA Backpack Challenge page. This survey will be shared with your school so you can earn your badge and get career portfolio credit for the Backpack Challenge!

All of the events in this brochure qualify for the Backpack Challenge.
To participate, follow the steps at: https://remakelearningdays.org/pa-career-ready/

RemakeLearningDays.org/pa-career-ready
Learning Themes

To help navigate all the events, below are helpful learning themes. Please note that some events may feature a primary theme and several secondary themes.

What is STEAM? STEAM stands for science, technology, engineering, arts, and mathematics. Learning these subjects together (rather than independently) helps students encourages creativity, critical thinking and collaboration.

**ARTS** is hands-on learning and expression through all kinds of art: theatre, dance, visual art, music, photography, and more!

**MAKER** “Making” is about taking things apart and putting it back together. Tinker, build, and create with all kinds of materials. Try a 3D printer, take apart a toy to see what’s inside and then rebuild it, or create a marshmallow tower!

**OUTDOOR LEARNING** is about experiencing and learning about the natural world. How can we think about the environment, sustainability, and more by exploring our very own backyards?

**SCIENCE** is all about experimentation! Kids and adults can explore chemistry, biology, geography and more. How does our world work? What can we test and explore in the world around us?

**TECHNOLOGY** gives kids the chance to explore their digital world. Want to try coding? Build robots? Learn circuitry? Look for technology events that help you discover new things.

**YOUTH VOICE** is about youth leadership and amplifying youth voice. Youth have the ability to express themselves in so many ways such as: through audio, video, art, music, and more.

**PROFESSIONAL DEVELOPMENT**
For traditional and non-traditional educators, various organizations offer credited and non-credited professional development featuring STEAM-inspired learning.
Remake Learning Days is taking root across 17 regions in 2022! The growth of Remake Learning Days Across America is in response to a desire for more real-world learning experiences that prepare youth from all backgrounds and all neighborhoods for our rapidly changing world. From April to May, there will be 1300+ events held in spaces such as parks, libraries, STEM labs, maker-spaces, museums, tech companies, and laundromats and more.

With the majority of events being virtual experiences, families can participate in learning happening anywhere! We hope to create a genuine movement of educators, parents, and students and ignite a national conversation around the future of learning and increase the demand for engaging and equitable hands-on experiences across all the spaces kids learn.
Join Gregg Behr and Ryan Rydzewski, co-authors of the hit book *When You Wonder, You’re Learning: Mister Rogers’ Enduring Lessons for Raising Creative, Curious, Caring Kids*, along with Jane Park from Google Kids and Families, as they wonder about creativity + curiosity + caring with American superstars who bring joy and joyful learning to so many of us.

**WONDER WITH US: Science, Skills, & More with Sylvia Acevedo and Jorge Cham**
- **Tuesday, May 10, 7pm Eastern**
- **Sylvia Acevedo**: Rocket Scientist and Entrepreneur, Former CEO of the Girl Scouts, and Author of *Path to the Stars*.
- **Jorge Cham**: Roboticist and Researcher of Biomimetic Design and Neural Implants. He is also a Cartoonist, and Co-Creator of the Emmy-nominated PBS series *Elinor Wonders Why*.

**WONDER WITH US: Music, Making, & More with Coy Bowles**
- **Tuesday, May 17, 7pm Eastern**
- **Coy Bowles**: Guitarist, keyboardist, singer, and songwriter for the Zac Brown Band. He recently released a children’s album *Music for Tiny Humans*. He is also a teacher, parent, and author of several children’s books including *Behind the Little Red Door*.

**WONDER WITH US: Drawing, Design, & More with Casey Robin**
- **Tuesday, May 24, 7pm Eastern**
- **Casey Robin**: Illustrator and Designer for film, books, toys, and fashion. Currently, she is a designer at Nick Jr/Noggin. Clients include: Walt Disney Animation Studios, Disney Publishing, Goldie Hawn, Breyer Horses, and Pinup Girl Clothing. She also teaches and curates gallery shows.

**ZOOM IN WITH YOUR KIDS, RIGHT FROM YOUR OWN NEIGHBORHOOD!**
Learn more at [RemakeLearningDays.org/WonderWithUs](https://RemakeLearningDays.org/WonderWithUs)

#WhenYouWonder  #RemakeDays
PRE FESTIVAL

Sea Air Land Challenge

Wed, April 27, 9:00am-3:30pm
Ages: None Specified
Hosted by: Berks County Intermediate Unit
Cheer on teams of high school students as their robotic systems, that they have designed and built over the spring semester, come together on Challenge Day to compete!
https://remakelearningdays.org/event/sea-air-land-challenge-2/#.

Berks LaunchBox STEAM Innovation Hands-On Open House

Sat, May 7, 10:00am-2:00pm
Ages: Grades 4-12
Hosted by: Berks LaunchBox
Follow the engineering process to design a solution to a problem, build a prototype, and even test your designs.
https://remakelearningdays.org/event/berks-launchbox-steam-innovation-hands-on-open-house/.

Tadpole Transformation

Sat, May 7, 2:00-4:00pm
Ages: All Ages
Hosted by: Riverbend Environmental Education Center
Price: $1-$10
It’s that tadpole time! Learn about the life cycles of amphibians that can be found on the preserve and see tadpoles in action.
https://remakelearningdays.org/event/tadpole-transformation/.

FESTIVAL

Calling all STEMologists! Join CCEDC’s STEM Innovation STEM Grab and Go Bag Challenge!

Thurs, May 12, time TBD
Ages: Grades K-5
Hosted by: Chester County Economic Development Council
Come and get your “grab and go” bag to learn how fun STEM can be!

Key to learning theme icons:
- RED TITLE = In-Person Event
- BLUE TITLE = Virtual Event
- PURPLE TITLE = On-Demand Event
Bluebird Bonanza

 Thurs, May 12, 10:00am-12:00pm
 Ages: Grades 5-12, Young Adult
 Hosted by: Washington Crossing Historic Park DCNR

 Join us to build your own nest box and learn about different bird species!

 https://remakelearningdays.org/event/bluebird-bonanza/

Ask an Architect

 Thurs, May 12, 10:30-11:30am
 Ages: All Ages
 Hosted by: Thaddeus Stevens College of Technology

 In this live virtual event, learn about the skills necessary for a career in architecture and design.

 https://remakelearningdays.org/event/ask-an-architect/

What’s in the STEAM?

 Fri, May 13, 9:00am-6:30pm
 Ages: Grades Pre K-4
 Hosted by: Lauer’s Park Elementary, Reading School District

 Discover the wonder of STEAM through a variety of stations at this event!

 https://remakelearningdays.org/event/whats-in-the-steam/

Build a drone and fly it

 Fri, May 13, 3:00-5:30pm
 Ages: Grades 5-10
 Hosted by: Droneversity
 Price: $35

 You are invited to build and fly your own drone!

 https://remakelearningdays.org/event/build-a-drone-and-fly-it/
Remake Learning Days: Archery 101

Fri, May 13, 4:00-6:00pm
Ages: Grades 1-12, Young Adult
Hosted by: Marsh Creek State Park- DCNR
Raise your bows and get ready for an archery lesson!
https://remakelearningdays.org/event/remake-learning-days-archery-101/

Cavity Nesting Trail Walk and Box Building

Sat, May 14, 9:00-11:30am
Ages: All Ages
Hosted by: Delaware Canal State Park
You are invited for a day of learning all about nesting bird species and how you can help protect them!

Family Hike Series with Berks Nature

Sat, May 14, 10:00-11:00am
Ages: All Ages
Hosted by: Berks Nature
Put your hiking shoes on and explore Angelica Park.
https://remakelearningdays.org/event/family-hike-series-with-berks-nature/

Mission2Mars: Skywatching and Space Exploration

Sat, May 14, 10:00am-1:00pm
Ages: All Ages
Hosted by: The Franklin Institute
Look to the skies, plan an interplanetary trip, and learn more about NASA’s Artemis missions with hands-on activities for the whole family.
https://remakelearningdays.org/event/mission2mars-skywatching-and-space-exploration/
Natural Tie-Dye with Berks Nature

Sat, May 14, 11:00am-1:00pm
Ages: All Ages
Hosted by: Berks Nature
Price: $10
Come join us for a fun day of making tie-dye out of fruits, vegetables, and other natural materials!
https://remakelearningdays.org/event/natural-tie-dye-with-berks-nature/#

Science Saturday

Sat, May 14, 11:00am-5:00pm
Ages: All Ages
Hosted by: Reading Public Museum
Price: Event cost is included in museum admission
You are invited to the Reading Public Museum for a day of fun-filled hands-on science activities.
https://remakelearningdays.org/event/science-saturday/

Youth Financial Reality Fair 2022

Sat, May 14, 10:30am-1:00pm
Ages: All Ages
Hosted by: Elements of the Community, Inc
Price: $5
Come for the opportunity to experience some of the financial challenges and rewards youth will face when they start life on their own by participating in real world economic activities.
https://remakelearningdays.org/?post_type=event&p=52066

World Migratory Bird Day Celebration

Sat, May 14, 10:00am-3:00pm
Ages: All Ages
Hosted by: Lehigh Valley Zoo
Price: Event cost is included in museum admission
Celebrate and learn about native birds and celebrate their return from their winter habitats!
https://remakelearningdays.org/event/world-migratory-bird-day-celebration/#
Kids Kitchen
Sat, May 14, 3:00-4:00pm
Ages: Grades K-7
Hosted by: Kids Connect
Spatulas at the ready! Join us to cook a fun dish and learn about the science behind cooking it.
https://remakelearningdays.org/event/kids-kitchen/#

Yoga in the Park
Sun, May 15, 10:00-11:00am
Ages: Parents/Caregivers
Hosted by: Berks Nature
You’ve earned the chance to relax in a yoga class at The Nature Place.
https://remakelearningdays.org/event/yoga-in-the-park/#

Curious in the Classroom: Endothermic vs. Exothermic
Sat, May 14, 12:00-3:00pm
Ages: Grades Pre K-8
Hosted by: Reading Science Center
Visit The Reading Science Center to explore the 45+ hands-on, interactive exhibits and then get “curious in the classroom” as we investigate endothermic vs. exothermic.

Drone Pilot as a Career
Sat, May 14, 1:00-3:00pm
Ages: Grades 11-12, Young Adult
Hosted by: Droneversity
Learn about the many careers in the drone industry from local certified pilots, companies, and organizations.
https://remakelearningdays.org/event/drone-pilot-as-a-career/#
Outdoor STEM Storytime: Leaf Rubbings

Mon, May 16, 2:00-3:00pm
Ages: Grades K-3
Hosted by: Tinicum Memorial Public Library
Join the Tinicum Library for an outdoor storytime and craft all about leaf rubbings!
https://remakelearningdays.org/event/outdoor-stem-storytime-leaf-rubbings/

Sciencing 101

Mon, May 16, 6:30-7:00pm
Ages: Grades Pre K-6
Hosted by: Science Explorers
Get your mad science lab set up for this hands-on STEM assembly as we explore science concepts and see exciting experiments!
https://remakelearningdays.org/event/sciencing-101/

Understanding the benefits of competitive video gaming for youth

Sun, May 15, 10:00am-4:30pm
Ages: Grades 1-12, Young Adult
Hosted by: Uplink Studios
Learn more about the world of competitive video gaming and how our virtuous gaming model can not only make better gamers, but better humans.
https://remakelearningdays.org/event/understanding-the-benefits-of-competitive-video-gaming-for-youth/

Exploring What's Inside A Computer

Sun, May 15, 1:00-2:00pm
Ages: All Ages
Hosted by: Pa Voter Court Watch
Explore the inside of a computer you and your family members can maintain and repair your electronics.
https://remakelearningdays.org/event/exploring-whats-inside-a-computer/
Stream Discovery Day

Thurs, May 19, 10:00am-12:00pm
Ages: Grades 6-12, Young Adult
Hosted by: Washington Crossing Historic Park DCNR
Grab your stream shoes and help identify the aquatic insects and other creatures that live within the creek.
https://remakelearningdays.org/event/stream-discovery-day/

Farmer Friday: Visit with Dairy Farmer William Thiele to learn about drones

Fri, May 20, 10:00-11:00am
Ages: Grades 6-12
Ever wonder how a dairy farmer can utilize a drone on his operation? This is a chance to get a bird’s eye view of what it takes to operate a drone and how he uses this technology around his farm.

Nature Rx Walk and Talk Series

Tues, May 17, 6:00-7:30pm
Ages: All Ages
Hosted by: Berks Nature
Take in Spring by hiking Angelica Creek Park and learning about PA native wildlife along the way!
https://remakelearningdays.org/event/nature-rx-walk-and-talk-series/

Learning in Nature Homeschool Class (All About Water)

Wed, May 18, 10:00-11:00am
Ages: Grades K-5
Hosted by: Berks Nature
Come learn about water in our homeschool series “Learning in Nature”.
https://remakelearningdays.org/event/learning-in-nature-homeschool-class-all-about-water/#
STEAM Saturday at the Fab Lab: 3, 2, 1 Blast Off!

Sat, May 21, 8:30-11:00am
Ages: Grades 1-6
Hosted by: Fab Lab Center
Price: $39
Combine physics and engineering to explore the science behind rocketry.
https://remakelearningdays.org/event/steam-saturday-at-the-fab-lab-3-2-1-blast-off/

Remake Learning Days: Stream Study

Sat, May 21, 9:00-10:00am
Ages: All Ages
Hosted by: French Creek State Park
Join park staff to learn about local water ecology and collect various invertebrates that inhabit our stream at French Creek!
https://remakelearningdays.org/event/remake-learning-days-stream-study/

Predators of the Sky

Fri, May 20, 6:00-7:30pm
Ages: All Ages
Hosted by: Berks Nature
Price: $5 per person or $15 per family.
Come learn all about birds of prey before dissecting real owl pellets.
https://remakelearningdays.org/event/predators-of-the-sky/

Come Draw with Young Rembrandts Chester County

Fri, May 20
5:30-5:45pm, Grades Pre-K, K
6:00-6:30pm, Grades 1-5
6:45-7:15pm, Grades 6-8
Hosted by: Young Rembrandts Chester County PA
Draw a cartoon or a realistic still life at this event!
https://remakelearningdays.org/event/come-draw-with-young-rembrandts-chester-county/

The Nature Place
Nature Explorer’s Eco-Camp for a Day

Sat, May 21, 9:00am-4:00pm
Ages: Grades 2-8
Hosted by: Berks Nature
Price: $40
We’ll spend the day exploring the surrounding park, taking hikes, doing scientific experiments and measurements, in and outside of the classroom!
https://remakelearningdays.org/event/nature-explorers-eco-camp-for-a-day/

Grab and Go STEM Bags

Sat, May 21, 11:00am-12:00pm
Ages: Grades 1-5
Hosted by: West Chester Public Library
Get ready to make some gooey messes including elephant toothpaste and slime, while learning about chemistry, too.
https://remakelearningdays.org/event/grab-and-go-stem-bags/

Startup School for Young Entrepreneurs

Sat, May 21, 11:00am-12:30pm
Sun, May 22, 11:00am-12:30pm
Ages: All Ages
Hosted by: Elements of the Community, Inc
Aspiring young entrepreneurs are invited to examine strategies to increase net-worth, research and learn about multiple streams of income and innovative industries.
https://remakelearningdays.org/event/startup-school-for-young-entrepreneurs/

Earth Day in May

Sat, May 21, 10:00am-3:00pm
Ages: All Ages
Hosted by: Heritage Conservancy
Celebrate the community and the Earth while enjoying the springtime beauty of our Croydon Woods Nature Preserve along with games, activities, crafts, and more.
https://remakelearningdays.org/event/earth-day-in-may/
Curious in the Classroom: Density

Sat, May 21, 12:00-3:00pm
Ages: Grades Pre K-8
Hosted by: Reading Science Center
Price: Event cost is included in museum admission
Visit The Reading Science Center to explore the 45+ hands-on, interactive exhibits about electricity, weather, Bernoulli, onion cells, DNA, and then investigate density!
https://remakelearningdays.org/event/curious-in-the-classroom-density/#

Chester County Esports Exploration: Rocket League Shoutcasting

Sat, May 21, 12:00-3:00pm
Ages: Grades 7-12
Hosted by: Chester County Intermediate Unit
Students in Chester County are invited to become shoutcasters and gamers as they utilize Rocket League to develop their skills!
https://remakelearningdays.org/event/chester-county-esports-exploration-rocket-league-shoutcasting/#
Remake Learning Days: Seed Balls and Pollinators

Sun, May 22, 10:00-11:00am
Ages: All Ages
Hosted by: Marsh Creek State Park- DCNR
Create your very own seed balls, which are a great way to plant native flowers in your yard.
https://remakelearningdays.org/event/remake-learning-days-seed-balls-and-pollinators/

Fluxspace STEAM Festival 2022

Sun, May 22, 10:00am-3:00pm
Ages: All Ages
Hosted by: Fluxspace
Explore 3D printing, fly drones, program robots and get a taste of what happens everyday at the Fluxspace Experience Center!
https://remakelearningdays.org/event/fluxspace-steam-festival-2022/

Kids and Culture Conquering Cancer and Diabetes

Mon, May 23, 10:00am-1:00pm
Ages: Grades 5-12, Young Adult
Hosted by: eCLOSE Institute
Price: Event cost is included in museum admission
The public is invited to join eCLOSE Institute in celebrating student-researchers as they share their findings about dietary impacts on cancer and/or diabetes signaling pathways.

Sustainable Cities: Tween/Teen Family Science Night

Mon, May 23, 5:30-7:30pm
Ages: Grades 7-10
Hosted by: Nolde Forest Environmental Education Center
Join us for a hands-on, creative study of urban design where we will spend time contemplating “wants” vs “needs” of human survival and create your own city model.
FOR EDUCATORS

CSforAll – PA Monthly Meet-Up

Wed, May 18, 3:00-4:00pm
For: Educators
Hosted by: PaTTAN
Educators are invited to share challenges, experiences, and strategies with one another regarding CS education.
https://remakelearningdays.org/event/csforall-pa-monthly-meet-up/

STEAM-ing Up Your Classroom with STEM + Literacy Activities

Wed, May 18, 4:00-6:00pm
For: Educators
Hosted by: Montgomery County Intermediate Unit
Price: $100 if you are at school district outside of Montgomery County
Be inspired by award-winning author Jennifer Swanson as she leads an interactive 2-hour live (virtual) session with STEAM books and activities.
https://remakelearningdays.org/event/steam-ing-up-your-classroom-with-stem-literacy-activities/

Junior Solar Sprint

Sat, June 4, 9:00am-1:30pm
Ages: Grades 5-9
Hosted by: Philadelphia Solar Energy Association
Get ready to rumble with middle school students who will race their model solar cars, which they have designed and built, against students from all across the region.
https://remakelearningdays.org/event/junior-solar-sprint/

Virtual Tours

The Wistar Institute Virtual Tours

Ages: Grades 6-12, Young Adult
Hosted by: The Wistar Institute
The Wistar Institute opens its doors through virtual tours to allow exploration of careers in biomedical research.
https://remakelearningdays.org/event/the-wistar-institute-virtual-tours/
Science and Stories with The Franklin Institute

Thurs, May 19, 6:30-8:00pm
For: Educators
Hosted by: The Franklin Institute
Make STEM approachable, fun, and interdisciplinary by pairing it with your favorite children's books.

Family Night: Weather and Climate

Ages: Grades K-5
Hosted by: PA PBS
Children will learn from people who have exciting careers related to weather and climate. Plus, kids will get a chance to put their new knowledge to work in fun, hands-on activities during the program.
[https://remakelearningdays.org/event/family-night-weather-climate/](https://remakelearningdays.org/event/family-night-weather-climate/)

Family Night: Space

Ages: All Ages
Hosted by: PA PBS
From the people who design spacesuits to the people who try to figure out how to deal with smelly things while in space, meet the people who are involved in space travel without traveling to space!
[https://remakelearningdays.org/event/space/](https://remakelearningdays.org/event/space/)

Fab Lab Center Sampler for Educators

Mon, May 23, 4:00-5:30pm
For: Educators
Hosted by: Bucks County Intermediate Unit
Come and check out educator resources, workshops, and experiences available for you and your students at the Fab Lab Center!
[https://remakelearningdays.org/event/fab-lab-center-sampler-for-educators/](https://remakelearningdays.org/event/fab-lab-center-sampler-for-educators/)
Family Night: Coding

Ages: Grades K-5
Hosted by: PA PBS
Children and their families will not only learn about coding and the exciting careers that depend on it, but they’ll also be invited to participate in hands-on activities that will help to introduce the basic principles of coding.

https://remakelearningdays.org/event/family-night-coding/

Family Night: Engineering

Ages: Grades K-5
Hosted by: PA PBS
Introduce kids to cool careers within the field of engineering that range from building roller coasters to designing artificial heart pumps for children who need them. Children will also get a chance to participate in hands-on engineering activities during the program!

https://remakelearningdays.org/event/engineering/