Presented by Central PA

WONDER, EXPLORE & LEARN TOGETHER

MAY 12-23, 2022 - Events Brochure

Events listed are up-to-date as of March 22, 2022. Please check the website for the latest updates on event info.
Welcome

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>
<th>Type of Event (virtual, in-person or hybrid)</th>
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<tbody>
<tr>
<td>Geographic Location</td>
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<td>Learning Theme</td>
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<td>Grade Level (from Pre-K through High School)</td>
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<td>Professional Development</td>
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<td>Cost (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.

RemakeLearningDays.org/centralpa
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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/
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, 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**
- **Duration: 50 minutes**
- **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**
- **Duration: 50 minutes**
- **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**
- **Duration: 50 minutes**
- **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
**Electrifying Fun for Youth: Learn the ABC’s of an Electrical Career**

Sat, April 30, 9:00am-12:00pm  
Ages: Grades 5-12, Young Adult  
Hosted by: Central PA Independent Electrical Contractors (IEC)  
It’s Electric! Join us to gain an understanding of the electrical career by participating in hands-on activities.  

**Nature Journaling**

Sat, April 30, 10:00am-12:00pm  
Ages: All Ages  
Hosted by: Pennsylvania State University (Shavers Creek Environmental Center)  
Join Shaver’s Creek staff for a free, in-person, and socially distanced morning of nature journaling.  
[https://remakelearningdays.org/event/nature-journaling/](https://remakelearningdays.org/event/nature-journaling/)

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**SF STEAM Festival**

Mon, April 24, 12:00-4:00pm  
Ages: All Ages  
Hosted by: Southern Fulton High School  
Celebrate the STEAM projects created by Southern Fulton K-12 students throughout the school year.  
[https://remakelearningdays.org/event/sf-steam-festival/](https://remakelearningdays.org/event/sf-steam-festival/)

**Earth Fest**

Mon, April 24, 1:00-5:00pm  
Ages: All Ages  
Hosted by: Millbrook Marsh Nature Center  
Spend the afternoon outdoors exploring displays from environmental organizations, participating in activities and games, visiting local vendors, and enjoying local entertainment.  
[https://remakelearningdays.org/event/earth-fest/](https://remakelearningdays.org/event/earth-fest/)
STEM in the Outdoors

Sat, April 30, 10:00am-3:30pm
Ages: Girls Grades K-12
Hosted by: Girl Scouts in the Heart of PA
Price: $12 for girls and $8 for adults
Girls, families and troops are invited to this event that showcases a rotation of outdoor and STEM activities with an optional self-guided activity.
https://remakelearningdays.org/event/stem-in-the-outdoors/

Welcome to the your Reading

May 1st Gardening Day!

Sun, May 1, 9:00am-1:00pm
Ages: All Ages
Hosted by: Mount Carmel Area Public Library and Reading Garden
We invite you to come out and help us maintain the Reading Garden and contribute to the wider effort to breathe new life into downtown.
https://remakelearningdays.org/event/may-1st-gardening-day/

Coding Wearable Technology

Tues, May 3, 4:00-5:30pm
Ages: Grades 2-5
Hosted by: Penn State College of Education
Learners will create a programmable lanyard using craft materials, a pocket-sized programmable computer, and a simple, block-based coding environment.
https://remakelearningdays.org/event/coding-wearable-technology/

STEM Symposium

Tues, May 3, 1:00pm-10:00pm; Wed, May 4, 7:00am-10:00pm, Thurs, May 5, 7:00am-4:00pm
Ages: STEM Youth Educators
Hosted by: Penn State Extension-Pennsylvania 4-H
Price: $51+
Formal and informal STEM youth educators and volunteers from across the nation are invited to collaborate, learn and share high-quality STEM practices at this professional development.
https://remakelearningdays.org/event/stem-symposium/#field-date
IU29 Family Night

Wed, May 4, 8:30am-3:30pm
Ages: Grades 9-12
Hosted by: Penn State Applied Research Laboratory
Price: $11 - $25
Cheer on teams of students as their robotic systems, which they have designed and built over the spring semester, compete!

Soil, Seeds, and Plants

Sat, May 7, 10:00am-2:00pm
Ages: Pre-K-Grade 8
Hosted by: The Pennsylvania State University/Penn State Arboretum
Roll up your sleeves to learn about soil, seeds, and plants by participating in hands-on activities.
https://remakelearningdays.org/event/soil-seeds-and-plants/
Superhero Science Camp
Sat, May 7, 11:00am-1:00pm
Ages: Grades K-3
Hosted by: Ringtown Area Library Association
We invite you to visit the library for a fun day of Superhero & Comic Book inspired STEM activities, experiments, and maker opportunities!
https://remakelearningdays.org/event/superhero-science-camp/

Eco Day 🌱queda 🍁️ endurece 🍀️ 🍁️
Thurs, May 12, 9:00am-3:00pm
Ages: Grades 5, 10-12
Hosted by: Mifflin County High School
Join us for an event in which high school students work with 5th grade students to learn the importance of good environmental stewardship through activity stations.
https://remakelearningdays.org/event/eco-day/

Virtual Field Trip to Shaver’s Creek Environmental Center
 Tues, May 10, 6:30-7:15pm
Ages: Grades K-5
Hosted by: WPSU Penn State
Join WPSU and Shaver’s Creek on a virtual field trip to the environmental center to explore the sights and sounds of nature.
https://remakelearningdays.org/event/virtual-field-trip-to-shavers-creek-environmental-center/

Things Naturalists Do – VIRTUAL
Thurs, May 12, 10:00-10:30am
Ages: All Ages
Hosted by: Parker Dam State Park
Learn how folks who like to tune in to the environment entertain themselves by catching fireflies, going crawfishing, and petting bumblebees.
https://remakelearningdays.org/event/things-naturalists-do-virtual/
Family Curriculum Night: Force and Motion

Thurs, May 12, 4:00-7:00pm
Ages: Pre-K, K
Hosted by: Juniata County Early Childhood Services

Drive through this event for the opportunity to learn about force and motion by participating in activities.
https://remakelearningdays.org/event/family-curriculum-night-force-and-motion/

Family Science Night with Juniata Valley Elementary School

Thurs, May 12, 5:00-6:30pm
Ages: All Ages
Hosted by: Pennsylvania State University (Shaver’s Creek Environmental Center)

Come celebrate our year of partnership and other opportunities, resources, programs that SCEC has to offer!
https://remakelearningdays.org/event/family-science-night/

The Science Behind Art

Sat, May 14, 10:00am-3:00pm
Ages: All Ages
Hosted by: Orwigsburg Area Free Public Library

Science can be beautiful, colorful and unique. Learn how nature can be manipulated to make art.
https://remakelearningdays.org/event/the-science-behind-art/

Engineer Your Own Speaker!

Sat, May 14, 12:00-2:00pm
Ages: Grades K-5
Hosted by: Discovery Space of Central PA

Price: Event cost is included in museum admission

Turn it up! Come and design and create your own headphones using magnets, wires, and recycled materials while learning about James Edward Maceo West.
https://remakelearningdays.org/event/engineer-your-own-speaker/
Felting Wool Wildflowers

Sat, May 14, 4:00-6:00pm
Ages: Grades K-12, Young Adult
Hosted by: Shaver’s Creek Environmental Center
Price: $1-$10
Learn how to make your own no-sew felted wool flower while learning about native wildflowers of Pennsylvania.
https://remakelearningdays.org/event/felting-wool-wildflowers/

Growing Gardeners

Sun, May 15, 2:00-4:00pm
Ages: All Ages
Hosted by: Penn State Extension
Grow to love plants in this opportunity to learn about the various types of pollinators, what they do, and how we can help them thrive.
https://remakelearningdays.org/event/growing-gardeners/

Ask a Electro-Mechanical Technician

Mon, May 16, 9:30-10:30am
Ages: All Ages
Hosted by: Thaddeus Stevens College of Technology
Description: Nothing Added
https://remakelearningdays.org/?post_type=event&p=50705

The 1,000 Yard Model – an Accurate Model of Our Solar System – VIRTUAL

Mon, May 16, 10:00-10:30am
Ages: All Ages
Hosted by: Parker Dam State Park
Out of this world! Create a scale-model of the solar system and how to arrange them to reflect the current locations of the planets.
Free Wheeling Day

Tues, May 17, 8:30am-2:30pm
Ages: Grade 4
Hosted by: Juniata River Valley Chamber of Commerce
Roll into an opportunity to visit vehicles and hear about related careers.
https://remakelearningdays.org/event/free-wheeling-day/

What’s Inside an Egg?
Egg Dissection

Tues, May 17, 4:00-5:00pm
Ages: All Ages
Hosted by: Shaver’s Creek Environmental Center
Dissect an egg to learn about its anatomy and how each part serves a purpose to support a growing chick.
https://remakelearningdays.org/event/whats-inside-an-egg-egg-dissection/

Robot Petting Zoo

Tues, May 17, 5:00-6:30pm
Ages: All Ages
Hosted by: Huntingdon County Library
Experiment with a variety of robots and maker tech, build a paper robot, make abstract art with robots, and learn how robots ‘think’!
https://remakelearningdays.org/event/robot-petting-zoo/
Junior Builder’s Crew

Wed, May 18, 4:00-5:00pm
Ages: All Ages
Hosted by: Degenstein Community Library
Use your imagination to create and play with a variety of resources such as Magnatiles, building blocks, and Lincoln logs.
https://remakelearningdays.org/event/junior-builders-crew/

CCA Ag-Tech Experience and “STEM”ing Career Growth

Thurs, May 19, 1:30-4:00pm
Ages: All Ages
Hosted by: Commonwealth Charter Academy
Come to our event to learn how we use Agriculture and Technology to provide career exploration opportunities for students like through origami, seeding, and scavenger hunts.

Farmer Friday: Visit With Dairy Farmer William Theile to learn about drones

Fri, May 20, 10:00-11:00am
Ages: Grades 6-12
Hosted by: PA Friends of Ag Foundation
Get a bird’s eye view of what it takes to operate a drone and how farmers use this technology.
PAWS to READ
Sat, May 21, 10:00-11:30am
Ages: Grades Pre-K-6
Hosted by: Hollidaysburg Area Public Library
Calling all animal lovers! Read to pets from the Central Pennsylvania Humane Society and create a blanket for an animal in need. 
https://remakelearningdays.org/event/paws-to-read/

Youth Hours at The Rivet:
Open House
Sat, May 21, 10:00am-12:00pm
Ages: Grades 3-8
Hosted by: Discovery Space of Central PA
Drop in to learn how to use a makey makey and explore what The Rivet has for you!
https://remakelearningdays.org/event/youth-hours-at-the-rivet-open-house/
STEAMbuilding® Saturday – Family Maker Session by Challenge Island Central PA
Sat, May 21, 10:00am-12:00pm
Ages: All Ages
Hosted by: Challenge Island Central PA
Conquer “our island” by beating each STEAM challenge to then be entered into a drawing to win our new book, “Bridge to Sharktooth Island”!

Animation on Location with Box of Light
Sat, May 21, 10:00am-1:00pm
Ages: All Ages
Hosted by: Degenstein Community Library
And Action! Work together to create a short clay-animation film on iPads.
https://remakelearningdays.org/event/animation-on-location-with-box-of-light/

STEAM Fun Festival
Sat, May 21, 10:00am-1:00pm
Ages: All Ages
Hosted by: Girl Scouts in the Heart of PA
Come and visit stations around camp to get hands-on experience with experts in their fields of science, technology, engineering, art, and math.
https://remakelearningdays.org/event/steam-fun-festival/

Nature Wall Hangings / Mother Nature’s Paint Brushes
Sat, May 21, 10:30-11:30am
Ages: Pre-K
Hosted by: Pottsville Free Public Library
Make wall hangings from natural canvas and paint with brushes made from different types of leaves.
https://remakelearningdays.org/event/nature-wall-hangings-mother-natures-paint-brushes/
Kazoo for You! Make Your Own Kazoo or Keychain

Sat, May 21, 1:00-3:30pm
Ages: All Ages
Hosted by: Ten Thousand Villages
Join us to make your own wooden kazoo or keychain!
https://remakelearningdays.org/event/kazoo-for-you-make-your-own-kazoo-or-keychain/

Happy Valley Movie Night!

Wed, May 25, 6:30 - 7:30pm
Ages: All Ages
Hosted by: HUB-Robeson Galleries
Bring the whole family to experience one hour of animated shorts created by independent artists and teams of animators.
https://remakelearningdays.org/event/happy-valley-movie-night/

Red Fox STEM Day

Sat, May 21, 11:00am-1:00pm
Ages: All Ages
Hosted by: Richland Community Library
You are invited to learn about the red fox through stories, crafts, and STEM activities in a setting where red foxes may live.
https://remakelearningdays.org/event/red-fox-stem-day/
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/

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: 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/
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/