



2022 Cool Science Festival!

A 16-DAY CELEBRATION OF SCIENCE TECHNOLOGY ENGINEERING ART & MATH

SUNDAY, SEPT. 25

Bugs, Bugs & More Bugs! ~ 9am-6pm

Enjoy discount admission to one of the world's largest private collections of amazing beetles, butterflies and tropical insects.

May Natural History Museum, 710 Rock Creek Canyon, COS ~ All, \$

Million Year Hike in Corral Bluffs ~ 9am-1pm

See the area where scientists have documented the recovery of mammals after the dinosaurs died off 66 million years ago!

Meet at Loaf 'N Jug, 6857 Space Village Ave, COS ~ All ages, RR \$

We Dig Dinosaurs ~ 11am-noon

Learn about the different ancient lizards that walked or swam this same land as you millions of years ago!

Garden of the Gods Visitor & Nature, 1805 N 30th, COS ~ All, RR \$ (*discount)

MONDAY, SEPT. 26

Nature Hike in Garden of the Gods Park ~ 10:30-11:30am

Daily *guided walks introduce you to the geology, wildlife and history of the park. Garden of the Gods Visitor & Nature, 1805 N 30th, COS ~ All, RR \$ (*discount during festival)

Engineering Challenges ~ 3:30-4:30pm

Explore and create your own structures to solve our various engineering challenges! PPLD East Library, 5550 N Union Blvd, COS ~ Ages 5-12

TUESDAY, SEPT. 27

Rock Identification in the Wild:

Sedimentary ~ 11am-1pm
Learn to identify different traits in rocks that geologists use to determine the type for various sedimentary rocks.

Garden of the Gods Visitor & Nature, 1805 N 30th, COS ~ All, RR \$ (*discount)

Marble Run Mania ~ 4:30-5:30pm

Explore gravitational potential energy, engineering, and problem solving to use recycled materials to create a marble run. Monument Library, 1706 Lake Woodmoor Dr, Monument ~ Ages 5-12

WEDNESDAY, SEPT. 28

Water Wise Gardening ~ 10-11am

Tour CSU's Water Wise Demonstration Garden and learn about plants and landscaping approaches for the Pikes Peak Region.

Conservation & Environmental Center, 2855 Mesa Rd, COS ~ Adults, RR

FOX 21 & SOCO CW Station Tour ~

10:30-11:30am

Tour a news studio behind-the-scenes, from control booth to robotic cameras, green screen, and remote cameras. FOX 21 & SOCO CW, 560 Wooten Rd, COS ~ Teens & Adults, RR \$

Tyke Hike in Garden of the Gods Park ~ 11am-12:30pm

A slow-paced guided nature walk designed for young explorers to experience the park through all their senses. Garden of the Gods Visitor & Nature, 1805 N 30th, COS ~ All, RR \$ (*discount)

Marble Run Mania ~ 4:30-5:30pm

Explore gravitational potential energy, engineering, and problem solving to use recycled materials to create a marble run. High Prairie Library, 7035 Meridian Rd, Peyton ~ Ages 9-12, RR

Planet & Moon Gazing ~ 6:30-8:30pm

Join Zack and Zoey Adventures along with MESO for a FREE family-friendly event at the Star Light Observatory (behind school).

Trailblazer Elementary School, 2015 Wickes Rd, COS ~ All ages

THURSDAY, SEPT. 29

What's the Weather? ~ 1-2pm

Learn ways to predict the upcoming weather using cloud types, sky coloring, the moon, and even cows! Garden of the Gods Visitor & Nature Ctr, 1805 N 30th, COS ~ All, RR \$ (discount)

S'mores Under the Stars at Bear Creek ~ 7:30-10pm

Join the CS Astronomical Society at Bear Creek Nature Center to search the night sky with telescopes and enjoy s'mores! Bear Creek Nature Center, 245 Bear Creek Rd, COS ~ All ages, RR \$

SATURDAY, OCT. 1

Mini Fall Wellness Retreat at Fountain Creek ~ 9am-noon

Join wellness & mindset coach Joanna Zaremba for yoga, journaling, hiking, guided relaxation, and intention-setting. Fountain Creek Nature Center, 320 Peppergrass Ln, Fountain ~ Adults, RR \$

Creek Week Cleanup at Bear Creek Nature Center ~ 9-11am

Help us clean up Bear Creek and foster the health of our local waterways for citizens and wildlife alike. Bear Creek Nature Center, 245 Bear Creek Rd, COS ~ All ages, RR

National Take a Kid

Mountain Biking Day ~ 9-11am
All ages are welcome - tots on stride bikes to teens - for a skills clinic, guided trail rides, trail etiquette and a free raffle. Fox Run Regional Park, 2110 Stella Dr, COS ~ Kids & Families, RR



CARNIVAL DAY FOR KIDS

10am-4pm

Our biggest event of the year - and it's FREE! Science and magic shows, live animals, rockets, robots, experiments, lab tours, race cars, telescopes and microscopes, drones, electric vehicles, liquid nitrogen ice cream and much more!
UCCS, 1420 Austin Bluffs Pkwy ~ Kids & Families (fun for all)

Nikola Tesla & Gilded-Age

Science in COS ~ 11am-12:30pm
Local historians Dr. Steve Ruskin and Patric Ryan will discuss the scientific research done in Colorado Springs during the late 1800's. MS Heritage Center, 517 Manitou Ave, Manitou ~ Adults, RR

Springabout Tour of Manitou's Mineral Springs ~ 1:30-2:30pm

Visit several of Manitou's famous mineral springs and learn some of the science and interesting history behind them. Seven Minute Spring Park, El Paso Blvd, Manitou Springs ~ All ages

Starry Party at Garden of the Gods ~ 7-9pm

An after-hours, lights-out star party for the whole family with the CS Astronomical Society and Mobile Earth & Space Observatory!
Garden of the Gods Visitor & Nature Ctr, 1805 N 30th St, COS ~ All ages

SUNDAY, OCT. 2

We Dig Dinosaurs ~ Noon-1pm

Learn about the different ancient lizards that walked or swam this same land as you millions of years ago!
Garden of the Gods Visitor & Nature Ctr, 1805 N 30th, COS ~ All, RR \$ (discount)

TUESDAY, OCT. 4

"Oasis in Space" at the USAFA Planetarium ~ 1-2pm

Take a live tour of the night sky and a watch a full dome movie that will take you on a journey through the universe in search for water!
USAFA Planetarium, 2120 Cadet Dr, USAF Academy ~ All ages, RR

WEDNESDAY, SEPT. 21

Nerd Nite COS ~ 6-8pm

Get an early jump on the festival as local "nerds" give fun-yet-informative presentations, games and trivia. COATI, 514 S Tejon St, COS ~ Adults

SATURDAY, SEPT. 24

Active Adults: Kane Ranch

Open Space Hike ~ 8-11am
Discover the vast landscape, hidden wildlife, and wild history of one of El Paso County's newest trails and open spaces. Kane Ranch Open Space, 12791 Squirrel Creek, COS ~ Adults, RR \$

Creek Week Kickoff ~ 9am-noon

Kickoff this annual week-long clean up event at Fountain Creek Nature Center with "Stan the Can!"
Fountain Creek NC, 320 Peppergrass Ln, Fountain ~ All ages

Paint Mines Guided Hikes ~

9:30-11:30am
Interpreters will show you fascinating rock features and amazing artifacts and fossils that have been found in the park. Paint Mines Interpretive Park, 29950 Paint Mine Rd, Calhan ~ All ages, RR \$

Fun with Newton's Laws at the Discovery Center ~ 10am-4pm

Hands-on activities with Cool Science to review some basic laws of physics while having fun in the process!
Space Foundation Discovery Center, 4425 Arrowswest Dr, COS ~ All ages

Science on Tap: Wine-Chemistry in a Glass ~ 11am-1pm

Learn about the science of making wine from Jeff Stultz, head winemaker. Winery at Holy Cross Abbey, 3011 US-50, Cañon City ~ Adults, RR

Repair Cafe ~ 1-4pm

Repair Cafe volunteers will help you to disassemble, troubleshoot, and possibly repair your own broken items. PPLD Library 21c, 1175 Chapel Hills Dr, COS ~ All ages, RR

MacLaren Community Stargazing Night ~ 6-9:30pm

Join Cool Science and the Mobile Earth & Space Observatory for a night with telescopes and other fun family activities. Thomas MacLaren School, 1702 N Murray Blvd, COS ~ All ages

Be SURE to check website for more information, updates, fee & registration details...

www.coolscience.org



RR = Online Registration Required
\$ = Fee Required

2022 Cool Science Festival!

Marble Run Mania ~ 4:15-5:15pm
Explore gravitational potential energy, engineering, and problem solving to use recycled materials to create a marble run. PPLD Calhan Library, 600 Bank St, Calhan ~ Ages 5-12, **RR**

Night Sky Safari at the USAFA Planetarium ~ 6-7pm
Find out what's in the sky tonight with an astronomer-guided tour of stars and constellations, then explore the solar system and beyond. USAFA Planetarium, 2120 Cadet Dr, USAF Academy ~ All ages, **RR**

WEDNESDAY, OCT. 5

Learn to Code with Google in Scratch! ~ 4-5 pm
Instructors teach kids to code with storytelling, emphasizing creativity by encouraging students to tell a unique story each day. PPLD Manitou Library, 513 Manitou Ave, Manitou Springs ~ Ages 9-15, **RR**

Planetarium Shows at Challenger Learning Center ~ 5-8 pm
Explore the Colorado Night Sky and tour our Solar System in 25-minute educator-driven show at the Mikkelson Planetarium. Challenger Learning Center, 8717 Wolf Valley Dr. ~ All ages, **RR**

Cybersecurity Parents' Night: Education for Kids ~ 6-7:30pm
Parents will hear from industry and education experts while kids enjoy hands-on activities to increase cyber awareness. UCCS Cybersecurity Center, 3650 N. Nevada Ave, COS ~ Families, **RR**

Talon Talk-Meet and learn about 4 live raptors! ~ 6-7pm
Join Nature's Educators to meet and learn about an eagle, owl, hawk, and falcon-what they eat, where they live and more. Nature's Educators, 4498 Bear Paw Dr, Florence ~ Ages 5+, **RR \$**

Rock Climbing Physics 101 ~ 7-8:30pm
Learn hands-on how we harness friction to take outdoor activities to a new level and the climbing gear that makes our sport possible. CityROCK, 21 N Nevada Ave, COS ~ Ages 16+, **RR \$**

THURSDAY, OCT. 6

Nature's Cleanup Crew at Fountain Creek ~ 9-10:30am
Children ages 3-6, with an adult, will enjoy puppet shows or stories, crafts, hands-on activities, and discovery time on the trail. Fountain Creek Nature Center, 320 Peppergrass Ln, Fountain ~ Ages 3-6, **RR \$**

Cool Science Family Friendly Cave Tour ~ 10 am-4pm
Special 60-90 minute discount tour for Cool Science covering the history and geology of the cave and its most beautiful formations. Cave of the Winds, 100 Cave of the Winds Road, Manitou Springs~ All, **RR \$**

Captain Planet Save Environmentalism ~ 3-4:45pm
Adult-oriented lecture on sustainability and environmentalism will dive deep into how it should be viewed vs current public perception. UCCS, 1420 Austin Bluffs Pkwy, COS ~ Adults & Teens, **RR**

Human Body Experiments ~ 4-5pm
Kids will have fun learning about body systems,-make a model of a pumping heart, create a stethoscope and more. PPLD Sand Creek Library, 1821 S Academy Blvd, COS ~ Ages 5-12

The Case for Mars - Dr. Robert Zubrin ~ 5-7pm
Adult-oriented lecture by this noted expert will discuss how and why we need to make Mars the next destination of the US Space Program. UCCS, 1420 Austin Bluffs Pkwy, COS ~ Adults & Teens, **RR**

Bristol Beer Science Tour and Tasting ~ 6-7:30pm
Enjoy Bristol's signature brewery tour with a Cool Science twist and learn about their unique semiautomatic brewing system. Bristol Brewing Company, 1604 S Cascade Ave, COS ~ Adults, **RR \$**

FRIDAY, OCT. 7

Nature's Cleanup Crew at Fountain Creek ~ 9-10:30am
Children ages 3-6, with an adult, will enjoy puppet shows or stories, crafts, hands-on activities, and discovery time on the trail. Fountain Creek Nature Center, 320 Peppergrass Ln, Fountain ~ Ages 3-6, **RR \$**

A-(Corn) Maze-ing Math! ~ 10 am-9pm
Learn the trick (based on math!) to find your way through this huge Jurassic-themed corn maze and enjoy fun family-friendly activities. Diana's Pumpkin Patch, 1649 Poplar Ave, Cañon City ~ All ages, **\$**

Pikes Peak Summit House Tour ~ 11am-noon
Special behind-the-scenes tour of the state-of-the-art Summit Visitor Center constructed atop a 14,115' mountain. Pikes Peak Summit Complex (via Pikes Peak Hwy), Cascade ~ All ages, **RR \$**

Fire Fighting Science ~ 1-3pm
Watch real CSFD trainees simulate fighting a structure fire in the training tower and learn how you can join the fire service. CSFD Administrative HQ, 375 Printers Pkwy, COS ~ Grades 6+, **RR**

Looking at Structures ~ 4-5pm
Your child will have to be strategic in creating structures that can stay standing and not fall when weight is added to them. PPLD, Ruth Holley Library, 685 N Murray Blvd, COS ~ Ages 5-12

Kids Night Out: Mad Scientist at Bear Creek ~ 5:30-9pm
Drop off your child for an evening of spooky science, crazy experiments, and fun games. Dinner is included. Bear Creek Nature Center, 245 Bear Creek Rd, COS ~ Ages 6-12, **RR \$**

"Brilliant Bats" Evening Hike ~ 5:30-7:30pm
Enjoy an evening program at the Discovery Center's River Campus to hike and learn about nature's amazing flying mammals! Nature & Wildlife Discovery Center, 5200 Nature Ctr Rd, Pueblo ~ All, **RR \$**

SATURDAY, OCT. 8

Girl Scout Day at Dinosaur Ridge ~ 9am-3pm
Fun-filled day of geology, paleontology, and general science at the Main Visitor Center for scouts and non-scouts alike. Dinosaur Ridge, 16831 W Alameda Pkwy, Morrison, CO ~ All ages, **\$**

Model Rocket Launch with COSROCS ~ 9am-noon
Bring your own model rockets and launch supplies or just observe model rocket flights and meet model rocket hobbyists. COSROCS Launch Site, 21410 Sweet Rd, Peyton ~ All ages

Leave No Trace Scavenger Hunt on Pikes Peak ~ 9-11 am
Learn the 7 Principles of *Leave No Trace* and win prizes for completing a fun family-friendly outdoor scavenger hunt. Pikes Peak Highway Halfway Picnic Area ~ (via Pikes Peak Hwy), Cascade Kids & Families, **RR \$**

Paint Mines Guided Hikes ~ 9:30-11:30am
Interpreters will show you fascinating rock features and amazing artifacts and fossils that have been found in the park. Paint Mines Interpretive Park, 29950 Paint Mine Rd, Calhan ~ All ages, **RR \$**

Ghost Fish: The Legend of the Lake ~ 10 am-1:30pm
Ghost Fish blends puppetry, dance, and silly surprises to take audiences on an unforgettable journey along the 0.7 mile trail loop. Fountain Creek Nature Ctr, 320 Peppergrass Ln, Fountain ~ Ages 3-6, **RR \$**

Mountains of Time ~ 10am-noon
Discover the stories of geologic time as North Cheyenne Canon transformed into today's canyon walls and creeks on a 2 mile hike. Starsmore Visitor Center, 2120 S Cheyenne Canyon Rd, COS ~ All, **RR**

Weekend Raptor Tours at the Raptor Center ~ 11am-3pm
45 minute one-of-a-kind tour, meet and greet resident birds of prey and a behind the scenes look at our Raptor Center. Raptor Center, 4828 Nature Center Road, Pueblo ~ All ages, **RR \$**

Wild Wolves ~ 11:30am-1pm
Come and learn about wolves and their importance in nature, while meeting an ambassador wolf-dog. PPLD, Fountain Library, 230 S Main St, Fountain ~ Ages 9-18

Science Behind Your Wine ~ Noon-2pm
Learn about the process of wine production from planting to bottling in the Apple Valley from Brush Hollow winemaker Robert Vanatta. Brush Hollow Winery, 465 D St, Penrose ~ All ages, **RR \$**

Water Lantern Festival at Fox Run Regional Park ~ 4:30-9pm
Bring out your friends and family to decorate a water lantern or just enjoy the magical spectacle of the festival! Fox Run Regional Park, 2110 Stella Dr, COS ~ All ages, **RR \$**

SUNDAY, OCT. 9

Gourmet Mushroom and Micro-Green Farm Tour ~ 10-11am
Tour a new 10,000 sq ft mushroom and micro-green indoor farm and learn how exotic mushrooms are grown. Microvora, 3685 S Highway 85-87 Suite 2, COS ~ All ages, **RR**

Flying Pig Farm Harvest Fest and Farm Tours ~ 1-4pm
Get to know the goats, chickens, ducks, bees, and humans of this 1.5 acre educational farm and reclaim your relationship with the planet. Flying Pig Farm, Keithley Rd, Manitou Springs ~ All ages, **RR \$**

MONDAY, OCT. 10

Festival Extra- Science on Tap ~ 6:30-8pm
"Fly With Me: A Journey into the Brain of Drosophila melanogaster" with Dr. Joy Ismail from the UCCS Biology Department. Jack Quinn's Irish Pub & Restaurant, 21 S Tejon St, COS ~ Adults & Teens

Be SURE to check website for more information, updates, fee & registration details...

www.coolscience.org

RR = Online Registration Required
\$ = Fee Required

