

Kid's Books: Get Wild about Conservation

J-Easy

The Lonely Giant by Sophie Ambrose
Mr. King's Machine by Geneviève Côté
Frog and Beaver by Simon James
Take Care by Madelyn Rosenberg
Heartbeat by Evan Turk.

J-Fiction

Elsie Mae Has Something to Say z
 by Nancy J. Cavannaugh.
Manatee Rescue by Nicola Davies
Chomp by Carl Hiaasen
Garbage Island by Fred Koehler
Frank Einstein and the Bio-Action Gizmo
 by Jon Scieszka

J-Nonfiction

Back from the Brink: Saving Animals from Extinction
 by Nancy F. Castaldo 333.95 CAST
Moto and Me: My Year as a Wildcat's Foster Mom
 by Suzi Eszterhas 599.752 ESZT
Backyard Bears: Conservation, Habitat Changes, and the Rise of Urban Wildlife
 by Amy Cherrix 599.785 CHER
Camp Panda: Helping Cubs z Return to the Wild
 by Catherine Thimmesh 599.789 THIM
Rewilding: Giving Nature a Second Chance
 by Jane Drake 639.9 DRAK
Beauty and the Beast: How Science, Technology, and a 3D-Printed Bear Rescued a Bald Eagle
 by Deborah Lee Rose 639.978943 ROSE

Web Pick: Conservation Sites to Visit

Come face to face with some Colorado wildlife at these conservation locations open to visitors. Check individual websites for hours and fees.

- Colorado Parks and Wildlife Fish Hatcheries**
 (cpw.state.co.us/learn/Pages/Hatcheries)

All hatcheries are open to the public seven days a week, 365 days a year (including holidays). Some hatcheries offer self-guided tours, while others may have tour guides available during certain times of the year.

- Colorado Wolf and Wildlife Center**
 (wolfeducation.org)

Come walk with an experienced and knowledgeable guide, and learn why it is important to preserve our diminishing wildlife – not only for their existence but for ours as well.

- The Wild Animal Sanctuary**
 (wildanimalsanctuary.org/visit-us)

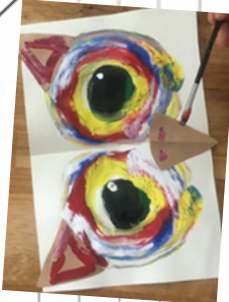
The Sanctuary's two primary missions involve rescuing and caring for animals, and educating people about the captive wildlife crisis.

Interested in viewing animals in your neighborhood? Review these instructions from Colorado Parks and Wildlife Ethical Viewing Tips: (cpw.state.co.us/things/todo/Pages/ViewingTips)

Kid's Activity: Painted Owl Head

Materials:

- 9 x 12" white construction or watercolor paper
- Tempera paint (4 colors plus black and white)
- Medium/large paint brush (fan brush, optional)
- Brown construction paper/paper grocery bag
- Glue stick



Instructions:

1. Fold the white paper in half and crease; then open it back out.
2. Place a puddle of each paint around the edge of a paper-plate.
3. Using black first, paint a 1.5" diameter circle near the middle of ONE side of the sheet. Without cleaning your brush, dip it in one color at a time, each time adding a concentric circle around the black circle. Use plenty of paint. Be sure to hit the crease with the last color.
4. Now carefully fold the paper at the crease and gently press the two sides together. This produces a copy of the original "eye."
5. Use the black paint to go over the black circle in each eye, making it big again.
6. When the paint dries, glue on a creased paper triangular owl beak and ears. Use black paint to add feathery lines around the outside edges of the eyes.

Teen Activity: Upcycled T-Shirt Bags

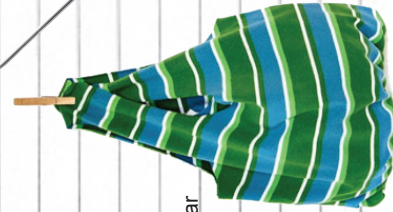
Repurpose an old t-shirt to make an eco-friendly shopping bag!

Materials:

- T-shirt
- Scissors
- Chalk
- Ruler

Instructions:

1. Cut off the sleeves, but leave a strip near the collar on each side to make the handles. Measure the remaining "handles" of the bag to make them as thick as desired, and then cut off the collar. Now you have handles for your bag!
2. Determine the depth you would like your bag to be. Add an inch, and measure that distance from the bottom of your handles. Mark it in chalk and cut off the bottom of the shirt.
3. Turn your shirt inside out. With the two pieces together, cut one inch strips into the bottom of the shirt. Tie the strips together.
4. Turn the bag right side out and enjoy your new green tote bag!



Teen Booklist: Environment

Fiction

The Islands at the End of the World by Austin Aslan
Orphaned
 by Eliot Schrefer
Dry by Neal Shusterman & Jarrod Shusterman
Orleans by Sherri Smith

Nonfiction

Eyes Wide Open: Going Behind the Environmental Headlines by Paul Fleischman 333.7 F566E
Your Water Footprint: The Shocking Facts about How Much Water We Use to Make Everyday Products
 by Stephen Leany 333.9113 L434Y
It's Getting Hot in Here: The Past, Present, and Future of Climate Change by Bridget Heos 363.73874
Save the Earth Science Experiments: Science Fair Projects for Eco-kids by Elizabeth Snoke Harris 507.8 H313S
A Weird and Wild Beauty: The Story of Yellowstone, the World's First National Park by Erin Peabody 978.752 PEAB

Tell us what you think! We welcome topical ideas to enhance your educational endeavors. Contact jfleishhacker@ppld.org.



HOMESCHOOL CONNECTIONS

An Educational Resource Tool Spring 2019

LOCATION KEY

EA East Library
 (719) 531-6333, x7014
 5550 N. Union Blvd.

PE Penrose Library
 (719) 531-6333, x70??
 20 N. Cascade Ave.

LI Library 21c
 (719) 531-6333, x70??
 1175 Chapel Hills Dr.

CH Cheyenne Mountain Library
 (719) 531-6333, x7001
 1785 S. 8th St.

CyberShelf
cybershelf.ppld.org
 Open 24 hours a day,
 7 days a week

FO Fountain Library
 (719) 531-6333, x7002
 230 S. Main St.
 Fountain

HI High Prairie Library
 (719) 531-6333, x7003
 7035 Old Meridian Rd.
 Falcon

MA Manitou Springs Library
 (719) 531-6333, x7004
 701 Manitou Ave.
 Manitou Springs

MO Monument Library
 (719) 531-6333, x7005
 1706 Lake Woodmoor Dr.
 Monument

OL Old Colorado City Library
 (719) 531-6333, x7006
 2418 W. Pikes Peak Ave.

PA Palmer Lake Library
 (719) 531-6333, x7007
 66 Lower Glenway St.
 Palmer Lake

RO Rockrimmon Library
 (719) 531-6333, x7008
 832 Village Center Dr.

RU Ruth Holley Library
 (719) 531-6333, x7009
 685 N. Murray Blvd.

SA Sand Creek Library
 (719) 531-6333, x7018
 1821 S. Academy Blvd.

UT Ute Pass Library
 (719) 531-6333, x7011
 8010 Severy Rd., Cascade

Living with Wildlife

Coloradans are fortunate to live in a state with such a variety and abundance of wildlife. With this privilege comes responsibility, if Colorado's animals are to remain free and healthy. Co-existence with wildlife requires knowledge and respectful practices, for the sake of the animals and for human safety.



The **Colorado Parks and Wildlife** website (cpw.state.co.us) is an excellent resource for increasing your wildlife awareness and understanding. You can learn all sorts of valuable facts about bats, bears, beavers, geese, coyotes, moose, mountain lions, red foxes, and more. Recommendations on avoiding and managing wildlife collisions and conflicts are provided under the "Learn" tab (cpw.state.co.us/learn/Pages/LivingwithWildlife).

The CPW site can also answer many questions you may have, like:

- What should you do if you find a bat in your cat's mouth, or a bear eating out of your garbage container?
- What if you find a young animal alone that appears to be abandoned?

Often when humans try to help, their interventions are actually negative for the animal. Inform yourself so you don't end up hurting the animals you're trying to care for.

If you see an injured animal, such as a deer, do not approach it. Call the nearest regional or area office.

The **northeast regional office in Denver** can be reached at

(303) 291-7227 (M - F, 8 a.m. - 5 p.m.)

After hours, call the **Colorado State Patrol** at **(303) 239-4501**.

If you're curious about how wildlife managers respond to reports of sick or injured animals, watch this video: [facebook.com/ColoradoParksandWildlife/videos/893181664139638/](https://www.facebook.com/ColoradoParksandWildlife/videos/893181664139638/).

Many of us love to observe wildlife, but trying to bring animals closer by feeding them is illegal and can be harmful and dangerous. According to Jason Clay, CPW Public Information Officer, Northeast Region:

1. Feeding causes animals to congregate more densely in one area, allowing transfer of diseases or parasites. It also makes them easy targets for predators, encouraging those predators to enter residential neighborhoods.
2. Wild animals are unpredictable and can be dangerous to people who try to get close to them. They can be particularly aggressive or defensive around food sources, during breeding seasons, and when they have dependent young nearby.
3. Any non-native foods given to wildlife cause major problems for them. Giving hay, corn, dog food, or other livestock-type food to deer and other big game can kill them. Their digestive systems aren't designed to handle these types of rich foods.

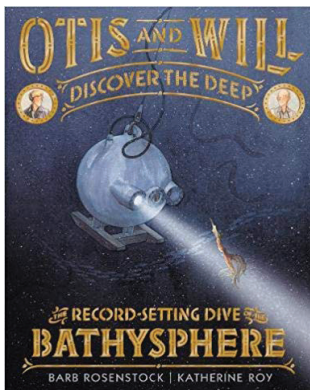
Visit the **"Feeding Wildlife Puts Everyone at Risk"** page on the CPW site (cpw.state.co.us/learn/Pages/do-not-feed-wildlife) to learn more about this important topic.

Find additional facts and wildlife games and activities by visiting ppld.org/kids/homework, then click on **"Colorado."** Under **"Recommended Websites,"** you'll find the **Kids @ Colorado Parks & Wildlife** link. Visit the **Educational Resource Center** (ERC) at East Library to learn how to identify animals from plastic tracks and scat.



new
The Bookshelf

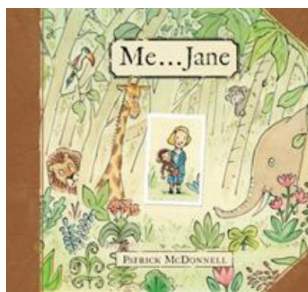
Kids can read about explorers and scientists with picture book biographies and learn more about their favorite animals with nonfiction books at your favorite Pikes Peak Library location. What will you discover together while reading library books?



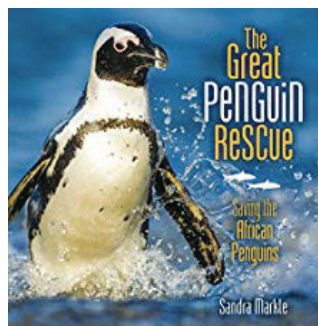
Otis and Will Discover the Deep: The Record-Setting Dive of the Bathysphere by Barb Rosenstock (2018)
Kids will enjoy following the story of two boys who are curious about the world, the animals in the sea, and the birds in the trees. They meet as adults and discover they both have an idea to go into the deep ocean to see what creatures live there. Then, Otis and Will build the first bathysphere. This exceptional picture book biography ends with photographs of the two men and their deep-sea submersible. The illustrator also includes information on how she decided to draw the pictures and how people posed for many of the scenes.

Ages 5 - 12; Science (J Biography 551.46092 ROSE)

Me ... Jane by Patrick McDonnell (2011)
Not the newest picture book biography, but one of the best. This book is the story of Jane Goodall. This very simple picture book tells readers about Jane's childhood, her favorite stuffed animal, and her dream to go to Africa. The story ends as kids turn the page and see a photograph of Jane and a baby chimpanzee in Africa. The author includes notes about the naturalist and her career and how she made her childhood dreams come true.



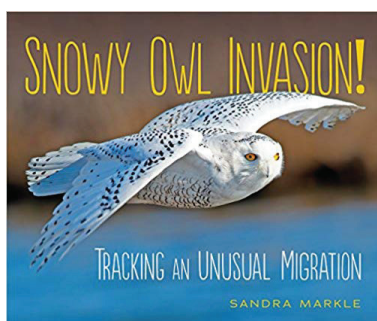
Ages 3 - 10; Science
(J Biography 590.92 G646M)



The Great Penguin Rescue: Saving the African Penguins by Sandra Markle (2018)
One of the most popular topics for many children: animals! Animals can be the reason why some kids learn to read. For others, animals are why they pick challenging life goals. Sandra Markle is an acknowledged science writer of kid's books. This title is an excellent way to read about animals we do not have in Colorado and explore how survival issues are studied.

Ages 8-12; Science, Biology (598.47 MARK)

Snowy Owl Invasion! Tracking an Unusual Migration by Sandra Markle (2018)
Remember all of the snowy owls that were spotted far south of their usual territory in 2013? This is the rest of the story, now that scientists have had time to study and compare data on the incident. There are lots of excellent photographs of these same snowy owls as well as photos of the tracking devices that were attached to a few of the owls.



Ages 8-12; Science, Biology
(598.97 MARK)

Little-Known Secrets

WWF World Wildlife Fund for Nature

Would you like to explore animal conservation? Is your child interested in a specific endangered animal? Use PPLD's Databases to discover the World Wildlife Fund for Nature (worldwildlife.org). WWF is a leading international organization for wildlife conservation and endangered species. Their website offers useful information about a variety of animals.

You will find a multitude of different endangered animals, each with breathtaking photos, facts, numbers for population in the wild, and threats causing endangerment. You may also read about why a specific animal matters in their ecosystem and see a vulnerability scale to determine if they are mildly endangered or on the brink of extinction.



To access this amazing resource, go to ppld.org, and click on "Research." Scroll down just a bit to find an alphabetical list of topics, where "Animals" is first on the list. Click on "Animals," then "Websites" in the blue boxes on the left. There you'll find World Wildlife Fund for Nature.

Dig deep to see if there are any endangered animals in the state of Colorado. What about the United States? Which country has the most endangered animals? Have fun while you learn how to make a difference.



PhotoS from World Wildlife Fund for Nature website.

Homeschool Events

Spring Homeschool Art Show at East

It's time to get creative! Homeschooled students can submit one work of art (drawing, painting, sculpture, etc.) during the last week of March (March 21 - 28). All artwork will be displayed throughout April and we will celebrate with a reception for friends and families. The art show will not be juried. Contact Joy at jfleishhacker@ppld.org or (719) 531-6333, x6048 for more information

Homeschool Science @ East

These awesome monthly programs, each featuring a different science topic, offer kids an engaging variety of learning experiences. Homeschooled students and their parents are encouraged to participate. Contact jfleishhacker@ppld.org or check online at ppld.org for more information.

Homeschool @ Rockrimmon and High Prairie

Enjoy activities with other homeschool families.
2nd Thursday • 1:30 p.m. • RO, HI

Other Events & Programs

Study Buddies

Teen volunteers help students in kindergarten through fifth grade with homework or reading practice.
Tuesdays • 6 - 7:30 p.m. • East Library

Tween Twist • 1st and 3rd Thursdays

Cool Crafts for Tweens, ages 9 - 12.
4:30 - 5:15 p.m. • LI
6:30 - 8 p.m. • EA

Make Art!

Kids in grades 1 - 5 can create a unique work of art one Saturday afternoon a month at East Library. Call (719) 531-6333, x1403 for dates and themes.

Programs For All Ages

AfterMath

Is math homework getting you down? Are finals freaking you out? Do you need to brush up before the ACT, SAT, or GED? Our experienced math tutors can help you improve your grades and take the stress out of math. No appointments – drop in! We will not have AfterMath in the case of holidays or school weather closures. This program is for all ages.

Mondays • 3:30 - 7 p.m. • MO
Wednesdays • 3:30 - 6 p.m. • LI
Thursdays • 4 - 6 p.m. • EA
Fridays • 3:30 - 5:30 • SA

Summer Adventure 2019 (June-July)

Have an adventure at the library this summer! Read or complete activities to win prizes, attend free events, and check out something awesome. Register and enroll online at ppld.beanstack.org. For patrons ages 0 - 18. For more information, ask a librarian or visit ppld.org/summer-adventure.

Volunteers needed for Summer Adventure

Is your child looking for a volunteer opportunity? Kids ages 12 and older are needed to help with both the Children's and Teen's 2019 Summer Adventure, which runs throughout June and July. Applications will be available on the PPLD website beginning the last week of March.

YAS Homeschool

Money Smart Week: Survivor

Can you survive the week without your parents? Come in to one of the following locations during Money Smart Week to complete the Money Smart Week Survivor challenge and budget your way to a better life! Ages 12 - 18. No registration required.
March 30 - April 9 • CH, EA, FO, MO, PE, RO

Teen Writing Contest

Submissions for the annual teen writing contest will be accepted in May and June. Visit the website for more information about theme and how to submit.

Coding Camp: Art

Using evaluated curriculum from Google called Computer Science First, youth will create their own digital works of art! Use block coding to design your own animations, create a paint editor tool, and learn how technology is used in the art world! This eight week program is designed to be completed sequentially, so when you register, you are registering for the eight days the camp will meet. Ages 9 - 15. Registration required.

Penrose: Starts March 5 and meets every Tuesday until April 23 • 3:30 - 5 p.m.

Library 21c: Starts March 5 and meets every Tuesday until April 23 • 4:30 - 5:30 p.m.

****Focused Homeschool Camp! East: Starts April 4 and meets every Thursday until May 23 • 2 - 3 p.m.**

Escape Room: Glacial Treasures

As part of his mission to enhance the world's understanding of glaciers, renowned earth scientist and ice mass expert Dr. Francis Robert Eezer recently left a locked treasure box on the Bering Glacier, the largest glacier in North America. Can you find the treasure before the glacier melts?

Fri., March 29 • 3:30 - 5 p.m. • SA
Fri., March 29 • 4 - 6 p.m. • CH
Sat., April 20 • 2 - 3:30 p.m. • EA
Tue., April 23 • 5:30 - 7:30 p.m. • RU
Fri., April 26 • 4 - 6 p.m. • LI

Free Comic Book Day: May 4

Free Comic Book Day is just like it sounds! Yes, they really are free. Come visit your local library for a free comic, supported by our fantastic independent comic retailers. Event times may vary by location. See online calendar for more details. All ages welcome.
EA, LI, MA, MO, PE, OL, RU, UT

Food Safety Certification:

Food Safety Works is a safe food handler certificate training that teaches entry-level food workers how to safely handle, prepare, and store food. Taught as a two-hour class with hands-on activities and an exam. Participants with a passing score receive a safe food handler certificate valid for two years. Registration required. Ages 16+. Dates and times subject to change due to presenter availability. Please see online calendar for details.

Tue. March 26 • 1 - 3 p.m. • EA
Sat., April 6 • 2 - 4 p.m. • LI
Tue., April 30 • 4 - 6 p.m. • FO

Teen Eat: Pie Day

Celebrate Pi Day and learn how to make some simple, no-bake pies! Food waiver required. Please advise library staff of any allergies before the program. Ages 12 - 18.

Tue., March 12 • 4 - 6 p.m. • FO
Thu., March 14 • 3:30 - 5:30 p.m. • MA
Wed., March 20 • 3:30 - 5:30 p.m. • MO
Fri., April 12 • 3:30 - 5:30 p.m. • UT

Anime Prom:

After-hours event for Anime Fans! Live DJ and cosplay contest.
Fri., May 10 • 6 - 8 p.m. • LI