

# Educational Resources on Bald Eagles & Bird Conservation

***A collection of online lesson plans, websites, photos, and videos on bald eagles will be helpful to teachers, homeschooling parents, and students.***

***Teachers: If you have lesson plans you would like to share or, if you'd like to schedule an online presentation for your students, please e-mail: [randy\\_robinson@fws.gov](mailto:randy_robinson@fws.gov)***

American Bald Eagle Information

<https://www.baldeagleinfo.com>

American Eagle Foundation

<https://www.eagles.org>

<https://www.eagles.org/what-we-do/educate>

Avian Report: Photos of eaglets from hatch to fledge and articles on bald eagle biology

<https://avianreport.com/bald-eagle>

<https://avianreport.com/baby-bald-eagles>

Bald Eagle Fact Sheets

<http://www.fws.gov/migratorybirds/pdf/management/bald-eagle-fact-sheet.pdf>

[https://www.fws.gov/uploadedfiles/region\\_5/nwrs/central\\_zone/montezuma/eaglefacts.pdf](https://www.fws.gov/uploadedfiles/region_5/nwrs/central_zone/montezuma/eaglefacts.pdf)

Bald Eagle Nesting Data sets

<https://www.fws.gov/midwest/eagle/NestingData/index.html>

Bald and Golden Eagles in the Midwest

<http://www.fws.gov/midwest/eagle/>

**Bald Eagle Recovery - Earth Day Video**

This 30 min. video is a "Conservation Connect" special celebrating Earth Day. Host Chelsea McKinney is joined by middle school students, Park Rangers from the Maryland DNR "Scales & Tails" education program and their rehabilitated bald eagle. Topics include an activity on the effects of DDT on eagle eggs, natural history, and eagle anatomy. The program concludes with electronic field trips to five different eagle nests at various stages of eaglet development.

<https://fws.rev.vbrick.com/#/videos/58930d03-9543-4d3f-b066-cdecbac25a5e>

Blackwater National Wildlife Refuge Eagle & Osprey Cams with "Eagle Watchers Guide" & Osprey curriculum

<http://www.friendsofblackwater.org/camcentral.html>

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Conservation Connect, Bald Eagle episode  
<https://nctc.fws.gov/conservationconnect>

Conserve Wildlife Foundation of NJ – Duke Farms Eagle Cam & Lesson Plans  
<http://www.conservewildlifenj.org/education/teacher/raptoredu>  
<http://www.conservewildlifenj.org/education/eaglecam>

**Cornell Lab of Ornithology** has a wide variety of lessons and activities to captivate learners of all grade levels. The Cornell Lab's K-12 team engages educators around the nation to assist in content development that is user-friendly, meets NGSS standards, and inspires students.  
<https://www.birds.cornell.edu/k12/get-started>

**Cornell Lab of Ornithology:** These hands-on activities are designed to explore nature and science with a combination of indoor and outdoor activities. Whether you're a teacher who needs to share easy-to-implement content with your students, or you're a parent striving to best engage and educate your child at home, you'll find these materials relevant and fun!  
<https://www.birds.cornell.edu/k12/science-nature-activities-for-cooped-up-kids>

Cornell Lab of Ornithology Lesson Plan: Bird Conservation  
[https://docs.google.com/document/d/1DdBr53cZsdwoir7lxDHLlyISHuDCJNxrU7\\_B1EzI54/edit](https://docs.google.com/document/d/1DdBr53cZsdwoir7lxDHLlyISHuDCJNxrU7_B1EzI54/edit)

Cornell Lab of Ornithology Professional Development for Teachers:  
**Monthly Webinars:** <https://www.birds.cornell.edu/k12/webinars-2>

Eagle Expedition – Port of Baltimore (interactive e-learning activities)  
<https://www.portofbaltimoreeducation.org/eagleexpedition>

Hawk Mountain Sanctuary  
<https://www.hawkmountain.org/education>

History of Bald Eagle - Decline, Protection and Recovery Timeline  
<https://www.fws.gov/midwest/eagle/History/index.html>

Identification of Large Nests  
[https://www.fws.gov/midwest/eagle/Nhistory/nest\\_id.html](https://www.fws.gov/midwest/eagle/Nhistory/nest_id.html)

Journey North: Bald Eagle Annual Cycle – Overview  
<https://journeynorth.org/tm/eagle/annual/index.html>

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Junior Duck Stamp Program & Conservation Education Curriculum

<https://www.fws.gov/birds/education/junior-duck-stamp-conservation-program.php>

National Eagle Center offers lesson plans that meet MN educational standards.

<https://www.nationaleaglecenter.org>

<https://www.nationaleaglecenter.org/lesson-plans/>

National Wildlife Refuge System – Learning Resources

<https://www.fws.gov/refuges/learn>

<https://www.fws.gov/refuges/education/teachersResources.html>

<https://www.fws.gov/refuges/learn/webcams.html>

Natural History, Ecology and Recovery of Bald Eagles

<https://www.fws.gov/midwest/eagle/Nhistory/biologue.html>

Overview of Bald Eagle Nest Cams, Behaviors and Statistics

<http://www.elfruler.com>

Raptor Resource Project: Education, Conservation, Research

<https://www.raptorresource.org>

Raptor Resource Project: Raptor Education and Lesson Plans

*RRP has an extensive collection of lesson plans and k-12 teacher resources*

<https://raptorresource.education>

Upper Mississippi River National Wildlife and Fish Refuge

*Five different webcams including a bald eagle migration cam*

[https://www.fws.gov/refuge/Upper Mississippi River/seasons of wildlife/webcams.html](https://www.fws.gov/refuge/Upper%20Mississippi%20River/seasons%20of%20wildlife/webcams.html)

U.S. Fish and Wildlife Service

*National Conservation Training Center Eagle Cam*

<https://www.outdoorchannel.com/eaglecam>

<https://nctc.fws.gov/topic/eagle-cam>

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These two FWS publications (pdf) offer student activities on climate change and environmental science

Changing Climate, Greening Energy: An Eagle's Eye View

<https://www.fws.gov/external-affairs/marketing-communications/printing-and-publishing/publications/FW-3008-Changing-Climate-Greening-Energy-An-Eagles-View.pdf>

Let's Celebrate Rachel Carson

<https://www.fws.gov/external-affairs/marketing-communications/printing-and-publishing/publications/FW-3005-Rachel-Carson-Coloring-Book-and-Activity-Guide.pdf>

Articles:

How Wildlife Webcams Can Help People Reconnect with Nature During COVID-19 NEEF Hands on the Land Fall 2020 Newsletter, by: Sarah Blount

[https://www.neefusa.org/how-wildlife-webcams-can-help-people-reconnect-nature-during-covid-19?utm\\_source=HandsOnTheLand&utm\\_medium=email&utm\\_campaign=10162020](https://www.neefusa.org/how-wildlife-webcams-can-help-people-reconnect-nature-during-covid-19?utm_source=HandsOnTheLand&utm_medium=email&utm_campaign=10162020)

Martinsburg Journal, Feb.1, 2021

[https://www.journal-news.net/journal-news/a-birds-eye-view-nctc-friends-of-nctc-looking-to-connect-local-classrooms-with-eagle/article\\_47140e8b-04a6-5831-9279-3dcc46b2b813.html](https://www.journal-news.net/journal-news/a-birds-eye-view-nctc-friends-of-nctc-looking-to-connect-local-classrooms-with-eagle/article_47140e8b-04a6-5831-9279-3dcc46b2b813.html)

FedTech Magazine, March 9, 2021

<https://fedtechmagazine.com/article/2021/02/federal-webcams-bring-distant-national-treasures-enthusiastic-public>

Where in the world is the wildlife? March 10, 2021

<https://medium.com/usfishandwildlifeservicenortheast/where-in-the-world-is-the-wildlife-71f6de0b4561>

Incredible Eagle Mom Protects Her Nest Even When She's Covered In Snow

<https://www.thedodo.com/daily-dodo/amazing-bald-eagle-mom-protects-her-nest-in-the-snow>

Once Imperiled, America's Bald Eagle Populations Are Soaring: NPR 3/25/21

<https://www.npr.org/2021/03/25/981272794/once-imperiled-americas-bald-eagle-populations-are-soaring>

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Martinsburg Journal, April 19, 2021

[https://www.journal-news.net/journal-news/shepherdstown-elem-students-learn-about-wildlife-ahead-of-earth-day/article\\_2eb3723b-b1fd-5ff4-ae09-98090d85213c.html](https://www.journal-news.net/journal-news/shepherdstown-elem-students-learn-about-wildlife-ahead-of-earth-day/article_2eb3723b-b1fd-5ff4-ae09-98090d85213c.html)

## Books

Inside a Bald Eagle's Nest: A Photographic Journey Through the American Bald Eagle Nesting Season by Teena Ruark Gorrow and Craig A. Koppie

Take a photographic journey of American Bald Eagles during nesting season. Through 160 breathtaking images captured in eagles' natural habitats, this factual account offers a rare glimpse into the behaviors and activities of America's national symbol.

<http://www.amazon.com/Inside-Bald-Eagles-Nest-Photographic/dp/0764344641>

Beauty and the Beak: by Deborah Lee Rose and Janie Veltkamp

Bald eagles are a true migratory bird success story. Brought back from near extinction in the U.S. lower 48 states, they now migrate and nest in increasing numbers across the country, and in Canada and northern Mexico. Millions of people of all ages can now spot bald eagles soaring majestically in the wild or watch them tenderly feeding their young via live-streaming eagle cams. Yet news reports remind us this migratory species, the U.S. national symbol, still faces threats from lead poisoning, illegal poaching, and collision with human technology like power lines and wind turbines. One story of hope—about a bald eagle named Beauty who was shot in the beak, rescued, and given a 3D-printed prosthetic beak—captures the power of bald eagles as environmental educators, and the potential of STEM in pioneering prosthetics for injured animals and people.

<https://www.birdsofpreynorthwest.org/beauty-and-the-beak>