



## Online Resources for Youth Education & Outreach

### Free Resources

#### 1. Audubon Society (English and Spanish): [For Kids!](#) | [¡Para Niños!](#)

The Audubon educational page is meant to encourage an enthusiasm for nature and birds. Each weekly topic includes a short video, several related articles, and step-by-step drawing instructions for a focus bird in both English & Spanish. Some weeks include coloring pages and embedded vocabulary or ID flip cards.

#### 2. Canadian Institute of Forestry: [Forestry Teaching Kits](#)

A 9-booklet series published to educate children on the value of forests and the importance of protecting them. Booklets contain several articles, resource links for additional information, and eight lesson plans for ages 5-7 to 16-18.

#### 3. Child & Nature Alliance of Canada:

The CNA is about fostering meaningful connections between children and young people and the outdoors. They have a [Podcast](#) with ~30 minute long episodes and a [Blog](#) directed mainly at adults who seek to be outdoor educators, whether professional or at-home.

#### 4. Dovetail Partners: [Forest Fast Break](#)

A series of short & engaging videos that link forest ecology, sustainable management, and the environmental benefits of using wood products. Suitable for 3<sup>rd</sup> grade level or higher.

#### 5. Leave No Trace:

LNT has their [K-8 Core Curriculum](#), a set of lesson plans that align with Common Core standards for reading & writing and promote an outdoor ethic for grades 1-8. They also have [Games and Activities](#) that integrate Leave No Trace principles into more fun & casual learning.

#### 6. Land Trust Alliance: [Family Fun & Learning](#)

Some of the links and activities we're sharing were found through the LTA web page, which includes educational materials shared by land trusts across the US. It's an excellent resource, sorted by state and then organization. If there's something you feel our resource list lacks, the LTA may be a good place to start looking.

#### 7. Maine Audubon: [Educational Resources for All Ages](#)

Maine Audubon shares weekly blog posts featuring science and nature-based education ideas for pre-elementary, elementary, and middle school level learners. They also include links to several other educational and citizen science organizations that may be helpful.

**8. Massachusetts Audubon:**

Enjoy nature exploration and sharpen your observational skills with [Nature Bingo!](#) Print out or copy down these bingo cards for the whole family and see who can fill a row (or the whole card) in first. Includes year-round & seasonally themed bingo sheets.

Mass Audubon also has a series of [Young Explorer Activity Sheets](#) which will introduce children to a variety of subjects, sorted by season.

**9. NASA: [Wavelength](#)**

NASA Wavelength is a collection of peer-reviewed content that was created using NASA data; the page is extensive and searchable by audience, topic, resource type, instructional strategy, materials cost, etc.

**10. National Oceanic & Atmospheric Administration:**

NOAA's [Education: Resources](#) portal is organized into common educational topics, each with a series of sub-topics. Sub-topics link to an introductory article and a list of Lesson Plans & Activities, Multimedia, Data Resources, Background Information, Career Resources, and Related Stories. They also have internships, events, and camps for Pre-K through post-doctoral students searchable by audience on their [Student Opportunities](#) page.

**11. NH Audubon: [Things to Do from Home](#)**

Although their strength lies in in-person events, many of which aren't available right now, the NHA page includes Live Animal Q&A and videos of staff reading their favorite nature stories.

**12. NH Fish & Game:**

The NHFG page includes [Wildlife Education](#), a [Watershed Education Program](#), and [Connecting Kids to Wildlife](#). They also have a short [Tree ID video](#) with an accompanying worksheet for younger learners. Order forms for free Curriculum Kits can be accessed through the Wildlife Education page. Hunting & Trapping courses are available online with one in-person field day for students who are NH residents age 15+.

**13. Saginaw Basin Land Conservancy: [Educational Vlog](#)**

A series of nature-based educational videos from a Michigan land trust. Despite the distance, we share many of the same plant and animal species and a similar climate.

*The videos are shared on Facebook and may require a sign-in.*

**14. The Nature Conservancy:**

TNC is a fantastic educator resource for anyone looking to educate students from pre-elementary to high school and beyond. The [Nature Lab](#) page highlights their "Summer Camp" materials for grades 3-8, with links to separate pages for [Elementary](#), [Middle School](#), and [High School-level](#) learners. Each topic includes a Teacher Guide and a video. They also have a step-by-step guide and resources on [Building a School Garden](#).

**15. Tree Canada (French and English): [Ressources \(FR\)](#) | [Resources \(EN\)](#)**

A small but very informative set of articles about forestry-related topics in both French and English. Suitable for “all ages” but younger readers may need an adult to define certain terms.

**16. University of Alberta: [Indigenous Canada](#)**

UoA is offering a free, 12-lesson Massive Open Online Course covering Indigenous histories and contemporary issues in Canada, including land claims, environmental impacts, the fur trade and other exchange relationships, art and expression, politics and legal rights, etc.

**17. USA National Phenology Network & Nature’s Notebook:**

The [Phenology Network](#) tracks the signs of changing seasons across the entire USA. Using the Nature’s Notebook app, you can join a series of [Campaigns](#) to track local seasonal progression. This is best used by those planning on spending a season or longer in the same location.

**18. World Wildlife Fund: [Wild Classroom](#)**

The WWF page is an extremely extensive educational resource with 8 weeks of materials; each week includes 5 days with full lesson plans, articles, videos, and trivia games all focusing on the same topic. Lesson plans are for grades 3-5 and include STEM, math, art, social studies, language, and physical education and adhere to Common Core Standards. Articles and videos are appropriate for student through high school and beyond.

They also have a video on **Tracking Snow Leopards in Nepal** airing **October 14<sup>th</sup> @ 10 am.**

*You are required to be over 18 and agree to receive emails to download the material, but can unsubscribe later & retain access.*

**19. Women in Timber: [Education Resources](#)**

The Canadian Women in Timber encourages forest awareness through education. This network of female forest professionals is based in Canada and is focused on sustainable forest management.

**20. Year-Round Homeschooling blog: [Pinecone Bird Feeder](#)**

A blog created by a Charlotte Mason, a homeschooler in Maine, who shares many of the activities she uses to educate her own children. This particular post focuses on creating a pinecone bird feeder to attract & identify yard birds or migrants- an excellent fall or winter activity.

Our Google Drive folder includes PDFs downloaded from many of the resources listed above. Please feel free to share this document and the contents of the Google Drive.



## Paid Resources

### 21. Project Learning Tree (French and English): [PLTCanada \(FR\)](#) | [PLTUSA \(EN\)](#)

PLT is an environmental education program designed for parents and educators to teach pre-elementary through high school students. Online training is available to help parents learn how to become more effective teachers. PLT is an initiative of the Sustainable Forestry Initiative, Inc.

*Limited free sample activities are available if you enter your name & email address.*

While we partner with many nonprofit and local organizations, the resources compiled here come from a much wider pool. We have attempted to cultivate materials based on their suitability for natural resource education and engagement. The views and opinions expressed by individuals or organizations listed here are their own and do not necessarily reflect the views or policies of Bear-Paw Regional Greenways. We are not affiliated with or receiving compensation for any of paid materials or services listed.