

Wildlife on WiFi

Celebrate PA Mammals - Elk!

Weekly Lesson Plan





About Wildlife on WiFi

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Wildlife on WiFi ("WoW") seeks to connect Pennsylvania residents to their state's wildlife from anywhere. To achieve this, WoW provides innovative online learning opportunities, virtual lessons and educational resources about wildlife and its conservation.

The *Wildlife on WiFi* online education hub features 50 lessons, activities, videos, story time readings, watchable wildlife livestreams, and more!

To connect with Wildlife on WiFi

Wildlife on WiFi is available online at http://bit.ly/PGCWildlifeOnWiFi

For questions or to schedule a virtual lesson, please contact wildlifeonwifi@pa.gov.





Wildlife on WiFi Weekly Lesson Plans

About Wildlife on WiFi Weekly Lesson Plans

Wildlife on WiFi weekly lesson plans provide day-by-day activities to keep children learning, thinking, and getting outside! Designed for K – 6 grades, these plans can be adapted by educators to suit their needs and grade levels.

Educators and parents may find them ideal to support at home and virtual learning, but they may also be used during regular in-person or partial in-person teaching.

Live virtual lessons from a Game Commission educator are a great way to cap off a wildlife week. To inquire about a virtual lesson, please contact wildlifeonwifi@pa.gov.





Elk Weekly Lesson Plan

Overview: Elk are Pennsylvania's largest mammal! This weekly lesson plan encourages students to learn all about Pennsylvania Elk while reinforcing observational skills, critical thinking, and core conservation, environment, and science concepts. Activities generally suitable for K – 6 with teacher adaptations based on age and teaching objectives.

Day	Recommended Activities
Monday	Learn About Elk
Tuesday	Elk: Celebrating 100 years
Wednesday	Elk Through the Seasons
Thursday	From the Field: What Do Elk Prefer To Eat?, Let's Ruminate
Friday	Elk Smart, Judging Distance. Wildlife on WiFi Virtual Lesson!



Day 1: Learn About Elk

Day 1 Activities

Begin the week having students learning all about elk. Students should read the <u>elk wildlife note</u> and highlight 3-5 facts they find interesting. After students have had a chance to read about elk, they can learn how elk arrived into Pennsylvania in 1913 by completing this <u>worksheet</u>.

Students may find it helpful to visualize places where elk live. Have students search "Winslow Hill Elk Viewing Area" in <u>Google Maps</u> and select "satellite" view. They should see an aerial view of fields and forests where elk live in Elk County, Pennsylvania.

Elk coloring page

Access activities and resources by clicking the links in blue above.





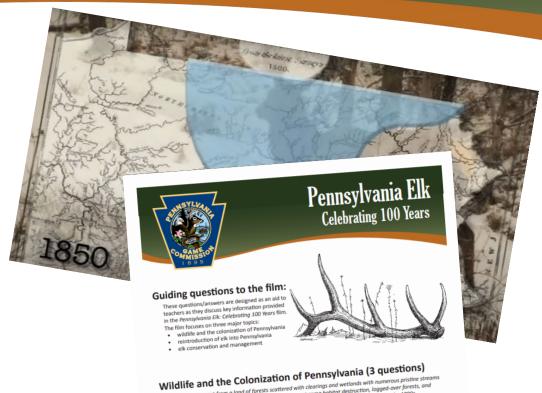
Day 2: Elk: Celebrating 100 years

Day 2 Activities

Students follow the trail of restoring elk to Pennsylvania by watching Elk: Celebrating 100 Years video. Following the video, lead a discussion about wildlife and the colonization of Pennsylvania, reintroduction of elk into Pennsylvania, and elk conservation and management using this question and answer guide pages 33-38).

Video update: The current elk population is estimated to be around 1350 elk.

Access activities by clicking the links in blue above.



Pennsylvania went from a land of forests scattered with clearings and wetlands with numerous pristine streams remsyrvania went from a iana of forests scattered with decenings and wetlands with numerous prisume street and rivers to a developed state. Along with development came habitat destruction, logged-over forests, and and rivers to a developed state. Along with development came nobital destruction, logged-over porest, polluted waters, which ultimately lead to the loss of many wildlife species, including elk, by the 1900s.

1. How did Pennsylvania change from the 1600s to the 1900s? In the early 1600s, when Europeans first came to the area now known as Pennsylvania, the land was covered in IT THE EMPTY ADMOD, WHICH CHAPPENES THAT CARRY TO THE AREA THAW SHOWEN AS PERINDYMENTS, DIE SAND MAD CAPPELLED FOR THE STREET OF great expanses of deciduous and evergreen roles as a small cuertings made by nature automation or by windings were scattered throughout the forests. Rivers and streams flowed through the countryside. Acres of wetlands dotted the landscape. Pennsylvania's diverse ecosystems were home to bison, mountain lions, timber wolves, deer, foxes, bears, beavers, otters, eagles, herons, hawks, shad, and a multitude of other species, including the ucet, rums, ucers, uceres, vuscis, eagres, securis, serves, anex, end a transcence of cours appeared now extinct passenger pigeon. The Eastern elk was found in great numbers throughout the land.

As Pennsylvania was settled, the landscape was changed. Forests were cleared for farms and towns. By the end of the 1700s paper mills and saw mills were founded and coal was discovered. Small industries were starting or the LYUAN paper mini and new minis were number and used was discovered. Since a roussness were number to take a foll on the forests, wildlife, water, and land in several parts of the state, especially the southeast, but to lines a toll off the softens, waters, and also late universal parts of the state, especially the southeast, our industry was just beginning. Canals, rivers, boats, stage coach, and ultimately railroads, enabled goods to be mussay y was just umpriming. Landers, rivers, Louis, saege Louis, and unministery removers, crimoned groups to the transported quickly from one part of the state and country to another. Oil was discovered in Titusville in 1854, fueling more and larger industries, mills, and manufacturing plants.

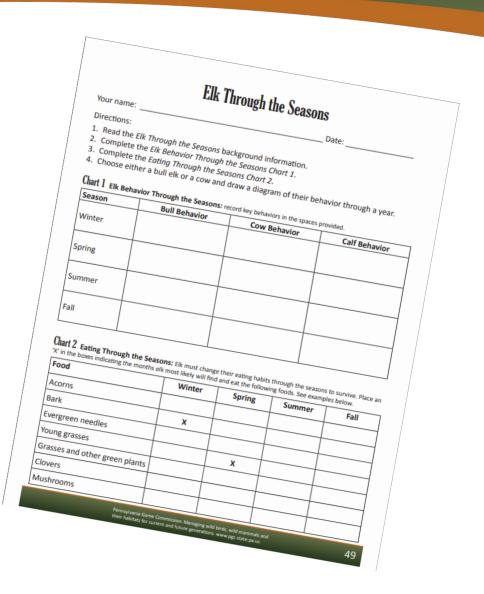
In the mid-1800s, logging became a huge industry, supplying wood and wood products to the growing population of Pennsylvania and the surrounding states. By the early 1900s, most of Pennsylvania had been logged and fires burned on the mountains. The great expanses of forests were decimated and most of the waterways and fires burned on the mountains, the great expanses of forests were determined and mass or the water polluted. Almost all species of wildlife were on the decline, some even disappearing from the state.



Day 3: Elk Through the Seasons

Day 3 Activity

Does an elk's diet differ in the summer versus the winter? What is bull behavior like in the fall? Students answer these questions and more as they learn about elk behavior through the seasons and their adaptations that help them survive in this <u>lesson plan</u>.





Day 4: From the Field & Let's Ruminate

Day 4 Activities

Following the video, use this <u>lesson plan</u> to allow students to explore the digestive system of an elk by placing the organs of the digestive system in order and completing the student worksheet.

Access activities by clicking the links in blue above.





Day 5: Elk Smart Judging Distance

Day 5 Activities

Several hundred thousand people visit the small town of Benezette, Pennsylvania for a chance to view wild elk. Students can learn how to view wildlife (elk) responsibly by researching the Game Commission's *Elk Smart* campaign. Have student visit the <u>Elk Smart page</u> and watch this <u>short video</u> to answer the following 4 questions:

- 1. What is Elk Smart?
- 2. How far away should people stay from elk?
- 3. List two reason why you should never feed elk.
- 4. What should you do if you see someone acting carless around elk?

Activity: Have students measure 100 yards from a starting point. At the 100-yard mark have students place an object. Have students return to the starting point and look at the object placed to gain a sense of how far away 100 yards is. **Or** place several objects at different distances from a starting point, with one object 100 yards away. Have students guess what object is 100 yards away. Give students the correct answer.

Access activities or resources by clicking the links in blue above.



To cap off the week, consider a virtual *All About Elk* lesson from a Game Commission educator. To inquire, please contact wildlifeonwifi@pa.gov.



Thank You!

Questions or Comments?
Let us know at wildlifeonwifi@pa.gov.