Wildlife on WiFi

Discover Wildlife Science

Weekly Lesson Plan
About *Wildlife on WiFi*

*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*


For questions or to schedule a virtual lesson, please contact [wildlifeonwifi@pa.gov](mailto:wildlifeonwifi@pa.gov).
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 grades 5 – 9, 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](mailto:wildlifeonwifi@pa.gov).
**Overview:** Pennsylvania’s modern-day wildlife science is a product of many hardships that have happened in our past. In the following lessons, students will learn about the work being done by wildlife professionals to help Pennsylvania’s wildlife thrive today and in the future. This weekly lesson plan reinforces critical thinking, core conservation, environment, and science concepts while incorporating local history. Activities are generally suitable for grades 5 – 9 with teacher adaptations based on age and teaching objectives.

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<tr>
<th>Day</th>
<th>Recommended Activities</th>
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<tr>
<td>Monday</td>
<td>Learn about Pennsylvania’s Conservation History</td>
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<td>Wildlife Reintroductions: Back to the Future Activity</td>
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<td>Tuesday</td>
<td>Pennsylvania Bald Eagles: Celebrating 30 years of Restoration</td>
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<td>video</td>
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<td>Guiding Questions to Video, Bald Eagle Population Trend Activity</td>
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<td>Wednesday</td>
<td>Bear Cub Video / Bear Web Cam Video</td>
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<td>Mark and Recapture: Pennsylvania Black Bear Activity</td>
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<td>Thursday</td>
<td>Peregrine Falcon Wild Sci Video</td>
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<td>Motus Wildlife Tracking Activity</td>
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<td>Friday</td>
<td>Wildlife Careers Activity &amp; Share or Wildlife Professional</td>
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<td>Virtual Lesson</td>
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Day 1 Activities

Begin the week having students learn about the Pennsylvania Game Commission’s history with a focus on Wildlife Science by watching the Celebrating 125 Years of Conservation Leadership video. Following the video, have a short discussion on wildlife reintroduction and have students complete the Wildlife Reintroductions: Back to the Future Activity (pgs 63-69).
Day 2 Activities

Students will watch the Pennsylvania Bald Eagles: Celebrating 30 Years of Restoration video. Lead a follow-up discussion using the Guiding Questions (pgs 7-11), and have students complete the Bald Eagle Population Trend Activity (pg 14).
Day 3 Activity

Students will learn about the management of black bears by watching a video of a Game Commission biologist discussing hibernation, dens, and cubs. Then, students will watch a second video of a PGC Game Warden inside a bear den that was monitored via webcam. Finish with the Mark and Recapture: Pennsylvania Black Bear Activity that includes a PowerPoint, Black Bear Wildlife Note, and student worksheet and student worksheet answers.

Access activities by clicking the links in blue above.
Day 4 Activities
Have students learn more about Peregrine Falcons survival by watching the Peregrine Falcon Tracking #WildSciPA video. Following a brief discussion of the video, have students complete the Motus Wildlife Tracking System Activity.

Access activities by clicking the links in blue above.
**Day 5 Activities**

Following the [Pennsylvania Game Commission Wildlife Careers](#) lesson plan, have students complete the incorporated activities to examine professions in the wildlife field. Have a shared discussion with students to see if they could envision themselves having a career with wildlife in the future.

**Alternate option:** Schedule a virtual lesson with PGC wildlife professionals to discuss careers in the wildlife field.

*Access activities or resources by clicking the links in blue above.*
Thank You!

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