

PROFESSIONAL DEVELOPMENT

Offered by PA State Parks Staff



Pennsylvania State Parks offer a variety of professional development opportunities for practicing and pre-service teachers as well as non-formal environmental educators. We provide hands-on, cross-curricula training for teachers from all grades (Pre-K - College). These teacher workshops are most often hosted at our park sites, but they can be facilitated at your school or scheduled for your school or district at your local state park. The curriculums listed are aligned to address PA Department of Education standards & Common Core. The Bureau of State Parks is PA Statewide Coordinator for Project WILD and Growing UP WILD. PA State Parks is a PA Department of Education Act 48 provider. We hope you'll spend the day and learn with us.

PA State Parks Curriculums

Watershed Education (WE) was developed by the PA Bureau of State Parks to help teachers utilize their nearby natural resources as a valuable teaching tool. It is an award-winning educational, watershed-based, interdisciplinary curriculum.

Length: minimum workshop hours: 9

This curriculum works best as a two day course. It is also be offered as a (one day) workshop.

Age level: Grades 6 – 12

PA Land Choices was developed by the PA Bureau of State Parks as a tool for teachers to educate their students about land use, land conservation, and sustainable communities.

Length: minimum workshop hours: 7

Age level: Grades 6 – 12

Pennsylvania Songbirds is a teacher's guide that includes background information and lessons on bird biology, ecology, songbird ID, migration, research techniques, and more. It was developed by the PA Bureau of State Parks, the PA Game Commission, and the PA Audubon Society.

Length: minimum workshop hours: 6

Age level: Grades K – 12

GO Teach- Hiking, Snowshoeing, and GPS is a series of teacher workshops that focus on cross-curricular connections linked by a common outdoor recreation. These workshops aim to expose Pennsylvania's youth to healthy lifelong physical activities while creating a sense of responsibility and stewardship to protect the natural resources of the commonwealth. As part of each workshop teachers will receive

lessons and access to loaner equipment to help incorporate outdoor recreation education into their curricula.

Length: minimum workshop hours: 6

Age level: Grades K – 12

Project Learning Tree (PLT) features a range of national, award-winning materials which focus on trees and forests. DCNR is the statewide sponsor of PLT in Pennsylvania.

Length: minimum workshop hours: 6 for PLT, 4 for PLT Early Childhood, 2 for PLT Secondary Modules

Age levels: Ages 3 – 6 for **Environmental Experiences for Early Childhood**, Pre-K – 8 for **Environmental Education Activity Guide**, **High School & AP Classes for Secondary Modules** (there are 8 different modules).

Project WET (Water Education for Teachers)

The award-winning Project WET Curriculum and Activity Guide 2.0 contains hands-on activities which teach about watersheds, water quality, floods, water conservation, and more.

The bureau is a host institution for Project WET.

Length: minimum workshop hours: 6

Age level: Grades K – 12

Healthy Water, Healthy People is for educators or citizens interested in learning and teaching about contemporary water quality topics. It focuses on water testing, water chemistry, pollution, water management, and more.

Length: minimum workshop hours: 6

Age level: Grades 6 – 12

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PA State Parks Curriculums continued...

Wonders of Wetlands (WoW) is an instructional guide for educators that provides a creative collection of wetland activities, information, and ideas.

Length: minimum workshop hours: 6

Age level: Grades K – 12

Project WILD is a national, award-winning wildlife focused conservation education curriculum. It is one of the most widely-used EE programs.

Length: minimum workshop hours: 6

Age level: K – 12

Growing UP WILD is an award-winning early childhood education program that builds on children's sense of wonder about nature and invites them to explore wildlife and the world around them.

Length: minimum workshop hours: 3

Age level: pre-K - 2

The Bureau of State Parks is PA Statewide Coordinator for Project WILD and Growing UP WILD.

PA Fish & Boat Commission Curriculums

Fishing Skills Instructor (FSI) Training

is designed to teach adult leaders how to instruct basic fishing skills and aquatic ecology. This course allows certified instructors to offer both SMART Angler and Family Fishing Programs for their class or for the public.

Length: minimum workshop hours: 8

Age level: Grades K – Adult

Boating & Water Safety Awareness

(BWSA) Instructor Training focuses on the proper procedures for recreational boating and requires students to demonstrate proficiency in boating safety. Completion of this course allows instructors to offer BWSA Courses at their site. It includes an in-water component.

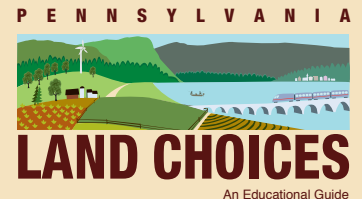
Length: minimum workshop hours: 12 (course can be an 8 hr. course if participants have already completed a BWSA class)

Age level: Grades 6 - 12 and Adults



Act 48 Hours

Act 48 hours are offered for all courses listed. DCNR-PA State Parks is a PA Department of Education Act 48 approved provider.



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DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES