

AUDUBON PARTNERS FOR THE ENVIRONMENT

TRACK 1: WILDLIFE					
PROJECT	DESCRIPTION	GRADE LEVELS	CURRICULUM CONNECTIONS	TIME FRAME	MATERIALS
The Nest Box Project	Students build, mount, and monitor nest boxes to provide shelter for birds. They will have a chance to see nesting birds up close and learn how birds raise their young.	3-5	Science Math	February through June	<ul style="list-style-type: none"> • Lumber • Hardware
Bird Feeding and Monitoring	Students develop a bird feeding “station” to supply food for birds in winter. Students experiment with different types of bird seed, learn to identify birds, and keep a record of birds at school.	K-3	Science Math Art	October through June	<ul style="list-style-type: none"> • Feeders • Bird seed
Go Wild at School	Students improve food, cover, and water for wildlife on school grounds and study the plants and animals that live there.	2-5	Science	Spring or Fall	<ul style="list-style-type: none"> • Plants • Mulch, • Gardening tools and supplies
Gardening for Wildlife	Students plant a garden to attract hummingbirds, butterflies, and songbirds. A perfect fit for curriculum about plants, butterfly lifecycles, and animal habitats.		Science Math Art	Spring, summer, and early fall	<ul style="list-style-type: none"> • Plants or seed • Soil • Gardening tools
Habitat Mapping	Students develop a map of their school site or a designated area of their community. They highlight various habitat types, (water, woods, fields, wetlands, etc.) on the map, investigate those areas, and find out more about the species that inhabit them.	3-5	Social Studies Science Art	Spring or Fall Year-round in warmer climates	<ul style="list-style-type: none"> • Large craft paper • Markers • Notebooks
Green Facilities: Integrated Pest Management	Green Facilities projects are not targeted for students and teachers, but, rather, school maintenance personnel. Integrated pest management programs for schools help personnel minimize the use of pesticides in maintaining buildings and grounds.	--	--	Year round	See information packet
Approved Project of Your Choice	Your school may submit a description of a project of your choice for approval.	--	--	--	--

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TRACK 2: WATER					
PROJECT	DESCRIPTION	GRADE LEVELS	CURRICULUM CONNECTIONS	TIME FRAME	MATERIALS
Stream Quality Monitoring	Students learn to monitor stream water quality by conducting macroinvertebrate surveys. Students will identify a variety of aquatic insects, determine water quality, and compile their findings in a final report.	5-12	Science	Spring or Fall Year-round in warmer climates	<ul style="list-style-type: none"> • Knee-high boots or old sneakers • Aquarium nets • Dish pans • Magnifying lens
Save Water at School	Students learn about the value of water when they investigate their water use, identify water waste, and take action to conserve water right at school.	4-8	Science Math	Year round	<ul style="list-style-type: none"> • Empty one-gallon containers
Stream Restoration	Students identify a section of stream in need of restoration and take action to improve it.	9-12	Science	Spring or Fall Year-round in warmer climates	<ul style="list-style-type: none"> • Project dependent
Explore Your Watershed	Students identify the watershed in which they live, evaluate potential impacts of various land uses on water quality, and take steps to reduce potential or actual pollution.	5-8	Science Social Studies	Spring or Fall Year-round in warmer climates	<ul style="list-style-type: none"> • Maps
Green Facilities: Water Conservation	Green Facilities projects are targeted for school maintenance personnel. Water conservation programs help maintenance personnel and other school employees to save water resources by monitoring usage and ensuring efficient operation and proper maintenance of plumbing systems.	--	--	Year round	See information packet
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TRACK 3: ENVIRONMENTAL EDUCATION					
PROJECT	DESCRIPTION	GRADE LEVELS	CURRICULUM CONNECTIONS	TIME FRAME	MATERIALS
Environmental Display or Mural	Students gather information about their local environment and create a display to share what they have learned with the school community. Students may also choose to create a mural on a particular topic of interest (e.g., butterfly lifecycle, common birds at school, local watershed)	3-12	Language Arts Art Science	Year-round	<ul style="list-style-type: none"> • Display space • Poster board • Art supplies
Earth Journal	Students record their observations, thoughts, and feelings about nature and the environment in an Earth Journal to boost environmental awareness and knowledge.	K-12	Language Arts Art Science	Year-round	<ul style="list-style-type: none"> • Unlined notebook or copies of Earth Journal • Pencils, crayons, etc.
Nature Trail	Create a trail to facilitate hands-on outdoor studies. Natural areas, such as woods, grassland, or ponds, are valuable learning sites. When you use a trail for your coursework, students will not only better retain information, they will be eager to learn more.	2-12	Science Math Social Studies Language Arts	Year-round	<ul style="list-style-type: none"> • Plants • Mulch, • Gardening tools and supplies
Outdoor Classroom	Choose from a variety of elements to develop a structured outdoor learning environment that can be used to enhance lessons on a variety of subjects.	K-12	Science Math Art Social Studies	Year-round	<ul style="list-style-type: none"> • Plants or seeds • Soil • Gardening tools
Environmental Resource Center	Turn a corner of your school library or classroom into an Environmental Resource Center with environmentally-themed books, magazines, videos, stuffed animals, posters, and a cozy chair or two.	K-8	Language Arts	Year-round	<ul style="list-style-type: none"> • Fiction and Non-fiction Books • Videos • Posters • Stuffed Animals or Puppets
Approved Project of Your Choice	Your school may submit a description of a project of your choice for approval.	--	--	--	--

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TRACK 4: ECO-EFFICIENCY					
PROJECT	DESCRIPTION	GRADE LEVELS	CURRICULUM CONNECTIONS	TIME FRAME	MATERIALS
The Three Rs: Reduce, Reuse, Recycle	Students learn about recycling and waste reduction, investigate current practices at their school, and help implement new ways to reduce waste.	3-12	Science Math	Year round	<ul style="list-style-type: none"> • Project dependent
Save Energy at School	Students investigate energy use at school, identify ways to reduce energy consumption, and take specific actions to be wise energy users.	4-12	Science Math	Year round	<ul style="list-style-type: none"> • Project dependent
Cafeteria Composting	Students learn the basics of composting and set up a program to turn leftover food scraps from the cafeteria into nutrient-rich compost that can be used in gardening projects.	4-12	Science	Spring or Fall Year-round in warmer climates	<ul style="list-style-type: none"> • Lumber • Wire • Shovel or pitch fork • Buckets with lids
Green Facilities: Waste Recycling	Green Facilities projects are targeted for school maintenance personnel. Waste recycling programs help personnel to reduce the amount of waste being generated at the school facility.	--	--	Year round	See information packet
Green Facilities: Energy Efficiency	Green Facilities projects are targeted for school maintenance personnel. Energy efficiency programs help maintenance personnel and other employees to determine energy usage and ways to more efficiently use energy resources.	--	--	Year round	See information packet
Approved Project of Your Choice	Your school may submit a description of a project of your choice for approval.	--	--	--	--

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TRACK 5: COMMUNITY					
PROJECT	DESCRIPTION	GRADE LEVELS	CURRICULUM CONNECTIONS	TIME FRAME	MATERIALS
Favorite Places Art Show	Students create an original piece of artwork of a favorite natural area, feature, or place within their community. The artwork is mounted and displayed and students host a reception for community leaders and citizens.	K-12	Art Environmental Awareness	Year-round	<ul style="list-style-type: none"> • Display space • Art supplies • Matte board or frames • Refreshments (optional for reception)
Community Photo Project	Students photograph various aspects of their town/city to create a snapshot of how they view their community. They display their photos at a publicly accessible place (town hall, library, or school) and invite community leaders to a reception to view the photos and discuss student concerns, ideas, and issues for the future of the municipality.	9-12	Language Arts Art Civics	Year-round	<ul style="list-style-type: none"> • Disposable or digital cameras • Matte board or frames • Display space
Community Clean-up	Students conduct a clean-up project in an area on school grounds or in the community that has been degraded. Stream corridors or roadways where trash has been dumped are popular spots. Students may also partner with other organizations, such as a senior center, nature center, or town park, to conduct the project.	5-12	Environmental Science Civics/Social Studies	Year-round	<ul style="list-style-type: none"> • Trash bags • Gloves
Beautification	Students choose a beautification project for a location of their choice. We recommend that this project be done in partnership with municipal leaders or senior, community, social service, or volunteer organizations.	K-12	Civics/Social Studies	Year-round	<ul style="list-style-type: none"> • Project dependent
Community Partner Project	Many Audubon Partners are “adopted” by local businesses or golf courses. Students and school leaders may design a project with their adopted partner to suit their particular needs or interests. Tours and field trips, career exploration days, or skill workshops are popular Community Partner projects.	K-12	various	Year-round	<ul style="list-style-type: none"> • Project dependent
Approved Project of Your Choice	Your school may submit a description of a project of your choice for approval.	--	--	--	--