



Every year Project Learning Tree® (PLT) awards GreenWorks! grants to schools and organizations for environmental service-learning projects.

In December 2016, PLT awarded 20 grants up to \$1,000 each to help preschool through high school students design and implement a variety of projects in communities across the country.

Proposals for the next round of grants will be due September 30, 2017. Application forms will be made available in the spring from www.plt.org/resources/greenworks-grants.

State	City	School / Organization	Project Type	Description
AR	Jonesboro	University Heights Intermediate School	Outdoor Classroom	Students in grades 3-5 will help create an outdoor classroom including vegetable, flower, and butterfly gardens, bird feeders, and a pergola. They will practice their science and math skills as they conduct experiments with soils, study how living organisms interact with each other, and calculate dimensions for raised gardens. Students will also create QR codes to provide digital images and background information on specific plants and vegetables.
CA	Georgetown	Georgetown Elementary School	School Garden	This project will create a garden and green sensory play area for Kindergarten students. The young students will work with their teachers to replace a dilapidated black top with garden boxes and flowers, a sand box and other sensory play areas, and a picnic space.
CA	Los Olivos	Los Olivos Elementary School	Outdoor Classroom	K-8 grade students will help create an outdoor classroom that will include tables with benches and umbrellas where students can write, draw, and carry out projects; a 3-chamber compost system to teach students about decomposition and disposal of waste; and trellises for climbing plants to provide shade.
CT	Stratford	Franklin Elementary School	Schoolyard Wildlife Habitat	Garden Club students will expand a pollinator garden and create a larger schoolyard habitat to attract more wildlife to their school. Students from a nearby high school will help the younger students design and layout the area and research species' needs for food, shelter, and water. A planting plan and maintenance schedule will be created by the students with the assistance of teachers.

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FL	West Palm Beach	Pine Jog Environmental Education Center	Habitat Restoration	Pine Jog consists of 135 acres of pine flatwoods, freshwater marsh, ponds, prairies, as well as a public elementary school and an environmental education center that is part of the College of Education of Florida Atlantic University. In this project, Pine Jog educators will work with 5th grade students at Pine Jog Elementary School to help restore and maintain the biological diversity of native plant and animal communities found within the preserve.
HI	Pukalani	King Kekaulike High School	Habitat Restoration	In this project, called "Maui's Mountains Matter," high school students will remove invasive species and plant trees to help restore a dryland forest site. They will learn about native plant species, traditional Hawaiian land management strategies, and utilize technology such as GIS-mapping throughout their project.
ID	Ammon	Snake River Montessori School	School Garden	Preschool through grade 6 students will help create an outdoor learning environment that will include raised garden beds, plus a greenhouse to enable children to experience a complete growing cycle. The upper elementary students proposed this idea to help make learning about botany more hands-on and fun. They plan to donate some of the fresh fruit and vegetables they will grow to shelters in the area to help others in need.
IL	Godfrey	The Nature Institute	Educational Stations on a Nature Trail	Students in grades 5 to 12 will create a "Decomposer Grove" consisting of 3 different stations along a walking trail in an outdoor nature area. The first station will consist of a rotting log, the second station will have a "road-kill" cage, and the third station will have different compost bins. Students will learn about the web of life and nature's decomposers, as well as the importance of disposing of waste in a responsible way to protect the Mississippi River watershed.
KS	Overland Park	Oxford Middle School	School Pollinator Garden	Students of the Oxford Middle School Science Club will work together to build a butterfly garden in their school's courtyard. The students will implement xeriscaping techniques when constructing the garden. The project will provide students in grades 6 to 8 with an opportunity to engineer a solution to a real world environmental challenge, the decline of pollinators in our communities.
LA	Baton Rouge	Early Childhood Education Laboratory Preschool	School Garden	This preschool, embedded within Louisiana State University's College of Human Sciences & Education, utilizes best practices in early childhood education and also serves as a training site for undergraduate and graduate education students. In this project, educators will build raised beds and install rain barrels for vegetable, herb, and butterfly gardens as an effective instructional tool for young learners to experience, explore, and appreciate the environment.

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MI	Lake City	Missaukee Conservation District	Pollinator Habitat along a Nature Trail	7th grade students at Lake City Middle School will partner with their local conservation district and county park to create pollinator habitat on a public trail system. Students will learn the agricultural, economic and ecological importance of pollinators and use class time to design a pollinator habitat, select and install plants. During winter, students will grow seeds and create educational material. In spring, they will celebrate with a community event.
MO	Hazlewood	Hazelwood West High School	Outdoor Classroom	Students in the Botany and Environmental Engineering Club (BEE club) will repair and add to their school's outdoor classroom. Their plans include working with a landscaping company to design an amphitheater with seating, making sure there is proper drainage for rainwater. They'll also add an outdoor chalkboard, trees and shrubbery, and create a butterfly garden.
NC	Asheville	Asheville GreenWorks	School Pollinator Garden	Asheville GreenWorks is a non-profit that engages the community in projects such as tree plantings, urban agriculture, and environmental cleanups. In this project, Glen Arden Elementary students and staff will develop pollinator gardens on the school campus. During educational days, 3rd and 4th graders will learn about soil life, pollinators, and how we depend on them for our food. During work days, they will prep the area, dig holes, plant, water, weed, mulch, and observe.
NC	Marion	McDowell County Schools	School Tree Planting	Students in grades 9 to 12 will solicit donations of trees from businesses and members of their community to replace trees on their school campus that were removed when the roadway was expanded. They will then plant the trees, GPS mark the trees, and create a map to share with the public. One goal of the project is to better connect the community to the campus by creating a type of arboretum.
NC	Asheville	Verner Center for Early Learning	Water Conservation	The Verner Experiential Gardens at this early childhood education center span over an acre. To eliminate the need to use municipal water, rainwater will be diverted from the roof of a building into three 300-gallon cisterns. These water catchments will be connected to a drip irrigation system that can be controlled by the children for watering their gardens. Teachers will use this project to teach preschoolers about water conservation.

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SC	Columbia	Dent Middle School	Flood Control	In response to a severe flood that ravaged the area around Dent Middle School in 2015, 7th grade students will work in teams to design and build rain gardens to mitigate some of the water that pours through 75 storm drains on campus and then into a neighboring lake. It was the dam on this lake that was the first to fail in a series of dam failures that destroyed homes and businesses throughout the watershed.
SC	Summerville	Summerville High School	School Garden	Garden club students and special education vocational students will turn an enclosed courtyard into a space to grow vegetables and create wildlife habitat to attract birds, butterflies, and bees. Students will assist in selecting, planting and caring for the plants and harvesting crops. Science teachers will make use of the gardens to conduct investigations, for example, AP students will conduct soil testing as part of their curriculum.
TN	Nashville	Explore! Community School	School Garden	Students and their families at this school live in an urban food desert. In this community garden project, many 1st graders and kindergartners, their parents and neighbors will be gardening for the first time in their lives. Instruction will focus on growing and preparing healthy food, and making the connection between food on the table and the cycle of nature that produces it.
VA	Manassas	Coles Elementary School	Schoolyard Wildlife Habitat	Preschool, kindergarten and first grade students will grow vegetables in the school gardens and take seedlings home to start their own gardens. Second grade students will plant Hazelnut and Chestnut trees to provide food for wildlife. Third grade students will plant native trees along the school boundaries to replenish trees that were removed during construction. Fourth and fifth grade students will build bird nesting boxes and bat houses.
WI	Madison	Goodman Community Center	Outdoor Classroom	High school youth who attend afterschool programs at this urban community center will help organize and build an outdoor classroom that will include a bee hive, chicken coop, outdoor seating, and raised garden beds. Students of all ages will use the outdoor classroom for a variety of subject areas and increase the amount of time they spend time outside.