



Every year Project Learning Tree® (PLT) awards GreenWorks! grants for environmental service-learning projects. In 2018, over 5,000 students will work with local partners and community volunteers on 28 projects in 20 states. Proposals for the next round of grants are due Sept. 30, 2018. Learn more at www.plt.org/resources/greenworks-grants.

State	City	School/Program	Project Type	Description
AK	Haines	Takshanuk Watershed Council	School Composting	Haines Borough School District recently switched to using paper plates. K-7 students at the Haines School will expand their school gardening and composting program to accommodate the increased amount of compostable material. Students will design and build two composting bins appropriate for their climate, purchase two bins, and also build two new raised gardening beds.
AL	Deatsville	Holtville High School	Forest Trail	Grade 7-12 students will build a 1-mile trail in a wooded area adjacent to their school. They will conduct an inventory of the forest, place markers along the trail to identify different habitats and local tree and shrub species, and construct birdhouses to attract wildlife to the area. The trail will be used for science and agriculture education, recreation and cross country sports.
AL	Montgomery	Montessori School at Hampstead, Inc.	Recycling	Grade 1-6 students will establish an aluminum can recycling project on their campus. They will create flyers to publicize the project and engage others in recycling. After a group brainstorming session, the students have chosen to donate the money they raise to support hurricane relief efforts.
AZ	Tucson	Miles Exploratory Learning Center	Water Conservation	Students in grades 6-8 will reduce surface water runoff on their school grounds by installing berms and basins and assess the results.
CA	Santa Cruz	Santa Cruz Museum of Natural History	Site Restoration	Alternative education students from Ponderosa High School will restore native plants and maintain trails in local city parks. They'll also have opportunities to work in the Garden Learning Center at the Santa Cruz Museum of Natural History. The projects will help students develop vocational skills and introduce them to green careers.
CA	San Francisco	Golden Bridges School	School Garden	Grade 2 students will design, prepare, plant and tend a "Giving Garden" on a currently overgrown ½-acre lot. They'll lead 1st and 3rd graders in weeding, mulching and composting, help direct community volunteers on weekend workdays, and donate the garden's produce to a local food pantry.
CA	Alpine	Joan MacQueen Middle School	Native Plant Garden	Grade 6-8 students will start a composting program, create native plant gardens, and design plaques with information about local flora and fauna for self-guided walking tours. They will work with ethnobotany experts and student leaders from the local Kumeyaay tribal community to include information about traditional customs and historical uses of their region's native plants.
CO	Steamboat Springs	Soda Creek Elementary	Urban Forest Management	Grade 2-5 students will work in teams to collect and analyze data about the soil and condition of 100 trees on their school's campus. The data will be recorded in an interactive GIS software database that can be easily updated in subsequent years. Community partners and arborists will help students develop a plan to improve tree health and plant more native species.



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CO	Highlands Ranch	Rock Canyon High School	Fire Mitigation Research	Every summer, the local fire department brings in goats to browse the vegetation in several neighborhoods. At the department's request, grade 10-12 students are conducting a long-term scientific field study to research the effectiveness of this fire-mitigation method and the environmental impacts on plant biodiversity and soil health.
CO	Salida	Guidestone Colorado	Farm to School	Middle and high school students from Salida School District alternative schools will learn about 4-season farming at high altitude, construct moveable hoop houses to extend the growing season, and plant and harvest tomatoes, spinach and herbs for the school district to incorporate more locally grown, healthy foods into their year-round cafeteria meal service.
CT	Coventry	Coventry Public Schools	Bird Habitat	Grade 7 students at Capt. Nathan Hale Middle School will research, design, and create a diverse habitat for birds on their school grounds. They'll build bird nesting boxes, conduct scientific explorations based on their own questions, and identify citizen scientist projects they would like to contribute to.
FL	Satellite Beach	Surfside Elementary	School Composting	K-6 grade students will create compost for their school's fruit trees. They plan to collect different types of compostable waste and compare the way it decomposes in compost barrels and worm bins. They will also visit two community gardens and help with composting and general maintenance.
FL	Melbourne	Verdi EcoSchool	School Composting	Staff and K-8 students from Verdi EcoSchool, located within a walkable community arts district, will approach local businesses that produce organic wastes, such as coffee shops and restaurants, and provide them with storage buckets. Students will develop relationships with participating businesses, collect the waste and bring it to the school's Teaching Farm. There they'll compost it into fertilizer, apply it to various plantings, and harvest the resulting produce.
HI	Na'alehu	Na'alehu Elementary School	Art Project	Grade 3 students will participate in a beach cleanup and landscape the area with native plants. They'll create a mosaic using upcycled marine debris and write accompanying text for an outdoor, educational board that will be displayed at Ka Lae Coffee, a popular café and orchid farm near South Point, the southernmost point of the U.S. The students' artwork will raise community awareness of environmental degradation happening in the area.
IL	Plano	Emily G. Johns Intermediate School	School Garden	Grade 4-6 students at this Title 1 school will expand their school's vegetable garden and plant trees to act as windbreaks. Many students come from low income households and suffer from poor nutrition. Students are learning the importance of a healthy lifestyle, that it is possible to eat healthy on a budget, and how to reduce waste at home and school.



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IN	Fremont	Clear Lake Township Land Conservancy, Inc.	Site Restoration and Hiking Trail	Grade 8 students at Fremont Middle School will identify and remove invasive species from Clear Lake Nature Preserve and Brennan Woods. They'll learn about different ecosystems (a fen, a wetland, an open oak woodland, and an oak savannah), why they matter, and how to protect them. They'll construct a hiking trail with interpretive signage and waterbars for erosion control.
LA	Madisonville	Madisonville Junior High	Site Restoration	Students in grades 6 to 8 will restore a portion of their town's 3-acre park for use as an exercise area for senior citizens and other local residents. They'll present their plans to the Madisonville Town Council, prepare a ¼ mile walking path with concrete benches, work with master gardeners to learn about soil preparation and landscaping, and plant trees and bushes.
MA	Northfield	Pioneer Valley Regional School	Watershed Protection	Grade 9-12 students in the school's Envirothon Team will build a raised boardwalk to their campus wetland to preserve the habitat and make the area accessible to everyone in the community, including those with mobility constraints. They will also create a bioretention area to filter storm water runoff from one of the parking lots to remove pollutants.
MA	South Hamilton	Pingree School	Tree Planting	Pingree School is constructing a new athletics field which will remove trees from 1.8 acres. To combat this lost carbon sink, students in grades 9 to 12 will work with an arborist to plant new trees in a different location and present a plan to school administrators to add solar panels to the school building.
MD	Chevy Chase	North Chevy Chase Elementary School	Tree Planting	A construction project that removed all trees from the school's playground left no shade for children. A local government program recently planted new shade trees and grade 3-5 students are engaged in learning about the many benefits of trees and their role in our ecosystem. Grade 5 students will create their own videos to share their learnings during an Earth Day Festival.
ME	Belfast	First Church in Belfast, United Church of Christ	Pollinator Gardens	Children aged 4 to 14 will research plants that provide food and habitat for pollinators, including honeybees and monarch butterflies. They'll work with local horticulturalists to select plants native to the area, and with their families to plant and beautify the church grounds.
MI	Gaylord	Huron Pines	Outdoor Classroom	The Vanderbilt Area School is improving its 110-acre school forest as a resource for teaching all grades and subjects. As part of this project, high school industrial arts students, with input from all staff and students, will design and construct an outdoor classroom along a new forest trail to increase the amount of time classes spend learning outside.



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MN	Princeton	Princeton Intermediate School	Bird Habitat	K-5 students will help plant native shrubs and wildflowers, install bird houses and bird baths, to create habitat for migratory birds, insects and other wildlife. They'll apply math skills to map out the area and spacing of the plants.
MN	Saint Paul	ARTS-US	Outdoor Classroom	After school and summer camp youth, predominantly youth of color from low-income communities, will engage in experiential learning along the Mississippi River and visit the Science Museum of Minnesota. They'll then design a 50' x 100' outdoor space that has environmental justice as a central design theme and work alongside law enforcement officers to implement their design.
NY	Newburgh	Bishop Dunn Memorial School	Sensory Garden	Grade 4 students will work in groups to research plants for a "Sweet Sensations Garden" that will tantalize all five senses: sight, smell, hearing, touch, and taste. They'll take soil samples, assist with planting and maintenance, and add a water feature, wind chimes, and bird houses.
OR	Myrtle Point	Myrtle Crest Elementary School	Stream Improvement	Grade 5-6 students will record and analyze the chemical properties of a local stream and wetland. They'll work with a local fish and wildlife biologist in the field to collect and analyze habitat indicators for salmon and trout using established protocols. They'll also clean up litter and use the app "literati" to document the amount they collect. Throughout the year, they'll monitor water quality, the presence of fish and water fowl, and how many invasive plants are present.
SC	McClellanville	Cape Romain Environmental Education Charter School	Honeybee Conservation	After learning about the decrease in honeybee populations, K-8 students proposed expanding their bee keeping operation from one small colony of bees in a classroom observation hive to a full outdoor apiary. Students will build the box and frames for the bees and enhance the school's vegetable and pollinator gardens to provide plenty of food to support a healthy colony.
WI	Shullsburg	Shullsburg High School	Bat Conservation	Grades 5-6 will learn about bats, the important role they play in the ecosystem, and some of the threats they face, such as habitat loss and disease. Grades 9-12 will build bat houses and install them on sites in the community where they will be able to observe and monitor bat behavior. They will create a video about their project and teach three 15-minute lessons on bats to the younger students.