

Environmental education curriculum

The following curriculum resources are available to educators looking to incorporate lessons and activities on environmental topics.

Name, description, and how to access	Topic area(s)	Resources offered	Cost
<p>Hennepin County environmental education activity guides</p> <p>Activities on a variety of topics to engage audiences of all ages in learning about and taking action to protect the environment.</p> <p>www.hennepin.us/environmentaleducation</p>	<ul style="list-style-type: none"> • General activities • Air, energy, climate change • Recycling • Reducing waste • Reducing food waste • Organics recycling • Protecting land and water • Toxicity and hazardous waste 	<ul style="list-style-type: none"> • Background information • Curriculum and activity guides • Additional activity ideas 	Free
<p>NAAEE environmental education curriculum</p> <p>Searchable collection of curriculum, journal articles, videos, podcasts, and other environmental education resources.</p> <p>naaee.org/eepro/resources</p>	<ul style="list-style-type: none"> • Variety of environmental topics 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas • Videos • Podcasts • Articles and reports 	Varies, mostly free
<p>Climate Generation curriculum</p> <p>Interdisciplinary climate change curriculum resources for grades 3 – 12.</p> <p>www.climategen.org/take-action/teach-climate-change/curriculum/</p>	<ul style="list-style-type: none"> • Climate change 	<ul style="list-style-type: none"> • Curriculum guides • Online modules • Educator training and workshops 	Free to download Print copies available for purchase

Name, description, and how to access	Topic area(s)	Resources offered	Cost
<p>U.S. EPA resources for educators</p> <p>An array of environmental and science based lesson plans, activities and ideas below from the EPA, other federal agencies, and external organizations.</p> <p>www.epa.gov/students/lesson-plans-teacher-guides-and-online-environmental-resources-educators</p>	<ul style="list-style-type: none"> Variety of environmental topics 	<ul style="list-style-type: none"> Curriculum guides and activity ideas Books and posters Websites Games Posters Background information 	Free
<p>Waste in Place</p> <p>Lesson plans for Pre-K – 6th grade focused on ending littering, improving recycling, and beautifying communities, plus online community service project guides for grades 6 – 12.</p> <p>www.kab.org/our-programs/education/waste-place</p>	<ul style="list-style-type: none"> Recycling Reducing waste 	<ul style="list-style-type: none"> Curriculum guides and activity ideas Community service project resources 	Varies Free to \$60
<p>Food waste warrior toolkit</p> <p>Resources from the World Wildlife Fund for grades 5 – 12 to create a classroom in the cafeteria and explore how what we eat and throw away impacts our planet.</p> <p>www.worldwildlife.org/teaching-resources/toolkits/food-waste-warrior-toolkit</p>	<ul style="list-style-type: none"> Preventing food waste 	<ul style="list-style-type: none"> Curriculum guides and activity ideas Posters 	Free
<p>Do the Rot Thing</p> <p>A variety of activities for grades K – 12 about composting.</p> <p>www.cvsmd.org/uploads/6/1/2/6/6126179/do_the_rot_thing_cvsmd1.pdf</p>	<ul style="list-style-type: none"> Composting Understanding ecosystems 	<ul style="list-style-type: none"> Curriculum guides and activity ideas 	Free
<p>Project Learning Tree</p> <p>Uses forests as a “window on the world” to help students in grades Pre-K – 12 excel in reading, writing, math, science, and social studies.</p> <p>www.dnr.state.mn.us/plt</p>	<ul style="list-style-type: none"> Trees and forestry Understanding ecosystems 	<ul style="list-style-type: none"> Training and workshops Curriculum guides Online modules 	\$10 to \$40 for training, curriculum resources come with training

Name, description, and how to access	Topic area(s)	Resources offered	Cost
<p>Project WET</p> <p>International, interdisciplinary water science and education program for educators of students grades K – 12.</p> <p>www.dnr.state.mn.us/projectwet</p>	<ul style="list-style-type: none"> Water quality 	<ul style="list-style-type: none"> Training and workshops Curriculum guides and activity ideas Background on environmental topics Supplemental resources 	<p>\$35 for training, curriculum resources provided with training</p>
<p>Project WILD</p> <p>Interdisciplinary conservation and environmental education that capitalizes on the natural interest students and adults have for wildlife.</p> <p>www.dnr.state.mn.us/projectwild</p>	<ul style="list-style-type: none"> Understanding ecosystems 	<ul style="list-style-type: none"> Training and workshops Curriculum guides and activity ideas 	<p>\$10 to \$50 for training, curriculum resources provided with training</p>
<p>Project Flying WILD</p> <p>Lessons involve language arts, social science, and math experiences coupled with community outreach and service learning to offer a whole-school approach to environmental education using birds as the focus.</p> <p>www.dnr.state.mn.us/projectwild</p>	<ul style="list-style-type: none"> Understanding ecosystems 	<ul style="list-style-type: none"> Training and workshops Curriculum guides and activity ideas 	<p>\$10 to \$50 for training, curriculum resources provided with training</p>
<p>MinnAqua</p> <p>Lessons and activities from the Minnesota DNR for grades 3 – 5 focused on learning about aquatic habitats and introducing kids to fishing.</p> <p>www.dnr.state.mn.us/minnaqua/leadersguide/index.html</p>	<ul style="list-style-type: none"> Understanding ecosystems 	<ul style="list-style-type: none"> Curriculum guides and activity ideas 	<p>Free</p>
<p>Pollinator LIVE</p> <p>A collection of pollinator lessons plans and resources for grades K – 12.</p> <p>pollinatorlive.pwnet.org/teacher/index.php</p>	<ul style="list-style-type: none"> Understanding ecosystems Protecting pollinators 	<ul style="list-style-type: none"> Curriculum guides and activity ideas Webinars Citizen science projects 	<p>Free</p>

Name, description, and how to access	Topic area(s)	Resources offered	Cost
<p>Young Naturalists stories and teachers guides</p> <p>A collection of Young Naturalists stories, discussion questions, and activities guides for grades K – 6 from the Minnesota Conservation Volunteer magazine.</p> <p>www.dnr.state.mn.us/mcvmagazine/young-naturalists.html</p>	<ul style="list-style-type: none"> • Understanding ecosystems • Climate change and weather 	<ul style="list-style-type: none"> • Readings • Curriculum guides and activity ideas 	Free
<p>Minnesota Valley National Wildlife Refuge curriculum</p> <p>Field-tested curriculum developed by refuge staff for grades K – 6.</p> <p>www.fws.gov/refuge/Minnesota_Valley/visit/for_educators/curriculum.html</p>	<ul style="list-style-type: none"> • Understanding ecosystems 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas 	Free
<p>Winter-themed classroom resources</p> <p>Collection of resources for grades K – 5 from the National Education Association to help students learn about seasonal changes and animal adaptations.</p> <p>www.nea.org/tools/lessons/winter-theme-gradesK-5.html</p>	<ul style="list-style-type: none"> • Understanding ecosystems • Climate change and weather 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas • Videos, books, and music 	Free
<p>Earth Partnership curriculum</p> <p>Tools from the University of Wisconsin for teachers to guide their students, colleagues, and community members through schoolyard restoration and exploration.</p> <p>www.earthpartnership.wisc.edu/curriculum</p>	<ul style="list-style-type: none"> • Understanding ecosystems • Protecting land and water 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas • Webinars and training 	Free
<p>Think Earth curriculum</p> <p>Behavior-based curriculum developed by a consortium in southern California for grades K – 3 that focuses on conserving natural resources, reducing waste, and minimizing pollution.</p> <p>www.thinkearth.org/curriculum</p>	<ul style="list-style-type: none"> • Understanding ecosystems • Recycling • Reducing waste • Protecting land and water 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas 	Free

Name, description, and how to access	Topic area(s)	Resources offered	Cost
<p>Water Action Volunteers</p> <p>Hands-on activities for grades 6 – 12 to learn about stream health and stream monitoring both within and outside the classroom.</p> <p>watermonitoring.uwex.edu/wav/monitoring/curriculum/index.html</p>	<ul style="list-style-type: none"> • Understanding ecosystems • Protecting land and water 	<ul style="list-style-type: none"> • Curriculum guides and activity ideas 	Free