

Program provider	Program Name	Program Description	Program contact	Age group / grade	Standards based?	Which standard(s)	Demographic	Capacity?	On-site or Traveling?	Costs?	Website
Byrd Polar and Climate Research Center	Keep It Cool Activity/Lesson	This thermal energy design challenge can serve as an introduction to the topics of convection, conduction, and radiation or serve as a closing summary of thermal energy transfer and transformation.	Karina Peggau, peggau.1@osu.edu	Elementary, Middle, and High School	Yes	Science (Physical science - thermal energy, Earth science - thermal energy)	Any	N/A	N/A	N/A	https://byrd.osu.edu/keep-it-cool
Byrd Polar and Climate Research Center	Classroom Ice Core Activity/Lesson	In this experience, youth make observations of classroom ice cores that are poured as "layer cakes" using Pringles cans. From the observations and background information, youth create a timeline of events that would have created the core.	Karina Peggau, peggau.1@osu.edu	Elementary, Middle, and High School	Yes	Science (Earth science - climate, Earth history)	Any	N/A	N/A	N/A	https://byrd.osu.edu/create-classroom-ice-cores
Byrd Polar and Climate Research Center	Cold Cases: Lessons in Historical Skills and Methods	This series of lessons uses primary sources from the Byrd Center Archival Program. In each lesson, youth use a collection of materials to answer a critical question, in the same way as a historian.	Karina Peggau, peggau.1@osu.edu	Middle and High School	Yes	Social studies (primary sources), Science (nature of science)	Any	N/A	N/A	N/A	https://hti.osu.edu/byrd
Byrd Polar and Climate Research Center	Water Cycle and Watersheds Units	This unit includes a variety of lessons exploring the water cycle, from more concrete classroom/schoolyard lessons to more complex watershed-sized lessons.	Karina Peggau, peggau.1@osu.edu	Middle and High School	Yes	Science (Earth science - water cycle)	Any	N/A	N/A	N/A	https://byrd.osu.edu/educators/watersheds
Byrd Polar and Climate Research Center	Rock Boxes for Education	This series of experiences is designed for use with Rock Boxes that may be borrowed from the Byrd Center at no cost.	Karina Peggau, peggau.1@osu.edu	Elementary, Middle, and High School	Yes	Science (Earth science - rock cycle)	Any in the US	Yes	Classroom	A \$50 deposit is required to borrow the Rock Box.	https://byrd.osu.edu/community-outreach#rockbox
Byrd Polar and Climate Research Center	Flubber Glacier Flow Activity/Lesson	This experience explores glaciers, their movement, and the landforms created by their movement.	Karina Peggau, peggau.1@osu.edu	Elementary and Middle School	Yes	Science (Earth science - glaciers, Earth processes and landscapes)	Any	N/A	N/A	N/A	https://byrd.osu.edu/educators/flubber-glacier-flow
Byrd Polar and Climate Research Center	Survival Team Building Activity/Lesson	This team building experience was created in collaboration with the center's ice core research team.	Karina Peggau, peggau.1@osu.edu	Elementary, Middle, and High School	Yes	Team building	Any	N/A	N/A	N/A	https://byrd.osu.edu/survival-team-building-lesson

Byrd Polar and Climate Research Center	Fluid Earth Viewer (Visualization)	This interactive visualization allows users to explore parts of Earth impacted by ice.	Karina Peggau, peggau.1@osu.edu	All ages	Yes	Science (Earth science, nature of science)	Any	N/A	N/A	N/A	https://fever.byrd.osu.edu
Byrd Polar and Climate Research Center	Virtual Ice Explorer (Visualization)	This interactive visualization allows users to explore Earth's atmosphere and oceans.	Karina Peggau, peggau.1@osu.edu	All ages	Yes	Science (Earth science, nature of science)	Any	N/A	N/A	N/A	https://byrd.osu.edu/educator/lessons/virtualice
Byrd Polar and Climate Research Center	Climate Model Simulation (Visualization)	This is a list of books that highlight discovery and research in polar and climate sciences.	Karina Peggau, peggau.1@osu.edu	High School	Yes	Science (Earth science, nature of science)	Any	N/A	N/A	N/A	https://research.bpcrc.osu.edu/resources/model_simulator/swf/climateModelSimulation.html
Byrd Polar and Climate Research Center	Beyond Polar Bears & Penguins Magazine (Literacy Connections)	This is a collection of science education materials for polar regions and polar research with connections to literacy.	Karina Peggau, peggau.1@osu.edu	Elementary and Middle School	Yes	Connects to ELA and science standards, but previous editions	Any	N/A	N/A	N/A	https://beyondpenguins.ehe.osu.edu/
Byrd Polar and Climate Research Center	Beyond Weather & the Water Cycle (Literacy Connections)	This is a collection of science education materials for weather and the water cycle with connections to literacy.	Karina Peggau, peggau.1@osu.edu	Elementary and Middle School	Yes	Connects to ELA and science standards, but previous editions	Any	N/A	N/A	N/A	https://beyondweather.ehe.osu.edu/
Byrd Polar and Climate Research Center	Byrd Bibliography (Literacy Connections)	This is a list of books that highlight discovery and research in polar and climate sciences.	Karina Peggau, peggau.1@osu.edu	All ages	Yes	Connects to ELA and science standards	Any	N/A	N/A	N/A	https://byrd.osu.edu/sites/default/files/ByrdBibliography.pdf
Byrd Polar and Climate Research Center	Tours, Speakers, and Public Programs (Tours, Speakers, and Public Programs)	The center's calendar displays upcoming events at https://byrd.osu.edu/events and groups may request tours, speakers, and virtual programs at https://byrd.osu.edu/tours-and-visits .	Karina Peggau, peggau.1@osu.edu	All ages	Yes	Based on nature of program arranged with center staff	Any	Yes, but scheduled on first-come, first-served basis	Both on campus, off campus, and virtual are available (some limits for speakers traveling outside of Central Ohio)	N/A	https://byrd.osu.edu/tours-and-visits

Columbi a Gas / Ohio Energy Project (OEP)	e3 Smart	Teachers implement an energy efficient curriculum into their lesson plans. The curriculum follows Ohio teaching standards and is no cost to the teachers, schools, or students. Along with the curriculum, each student receives an energy kit to take home and install energy saving measures into their own home based off the training and education they receive from their teacher throughout the school year.	Derek Wholihan Education Coordinator(dawho lihan@columbus.g ov)	Grades 3-12	Yes	Elementary: https://ohioenergy.org/wp-content/uploads/2019/09/Elementary-OLS.pdf Secondary: https://ohioenergy.org/wp-content/uploads/2019/09/Secondary-OLS.pdf	Schools within Columbia Gas of Ohio service territory	Yes- but the program does have a limit of teachers/s tudents to stay within budget (although the program has not had to turn away any teachers or students to date.	Classroom	Columbia Gas pays a implmentatio n fee to OEP to manage and disburse the kits	https://ohioenergy.org/
Columbu s City Schools	Spruce Run Environm ental Center	Students PreK -12 come to Spruce Run to have outdoor educational experiences: They may work on citizen science, collect real world data, work on removing invasive plants, study macoinvertebrates in the stream, anything is possible when you are outdoors.		PreK-12	Yes or No; Does this progra m align with specific Ohio Educati on standar ds?	Depends on what the group has planned for the day.	Columbus City Schools	No	Both, I have also done classroom presentations.		
Columbu s Zoo	Self Guided Activities for Grades K-2	Self guided zoo activities; including a scavenger hunt, nature observation, unstructured outdoor play, and bulding a mini habitat for an animal.		k-2	yes	Ohio State Science Standards; LS.K2.1c, LS.K2.1b, LS.K2.1a, LS.K2.3c, LS.K2.3b, LS.K2.3a, LS.K2.4c, LS.K2.4b, LS.K2.5c, LS.K2.5b, LS.K2.5a	All districts welcomed at the zoo.	yes	traveling	n/a	https://reservations.columbuszoo.org/Info.aspx?EventID=5
Columbu s Zoo	Self Guided Activities for Grades 3-5	Self guided zoo activities; including learning ecosystem vocabulary, learning predator vs prey relationships, and finding examples of ecosystem elements within the zoo.		grades 3 to 5	yes	Ohio State Science Standards; LS.35.1b, LS.35.1a, LS.35.5c, LS.35.5b, LS.35.5a, LS.35.7c, LS.35.7b, LS.35.7a	All districts welcomed at the zoo.	Yes	traveling	n/a	https://reservations.columbuszoo.org/Info.aspx?EventID=5
Columbu s Zoo	Self Guided Activities for Grades 6-8	Self guided zoo activities; including recording animal behavior, collecting data using an ethogram, and anwsering questions about animal behavior.		grades 6 to 8	yes	Ohio State Science Standards; LS. 68.7c, LS.68.7b, LS.88.7a, LS.68.11c, LS.68.11b	All districts welcomed at the zoo.	yes	traveling	n/a	https://reservations.columbuszoo.org/Info.aspx?EventID=5

Columbus Zoo	Self Guided Activities for Grades 9-12	Self guided zoo activities; including creating videos highlighting environmental issues, and linking environmental issues to positive environmental actions.	grades 9 to 12	yes	Ohio State Science Standards; EVS.912.5c, EVS.912.5b, EVS.912.5a, EVS.912.6c, EVS.912.6b, EVS.912.6a	All districts welcomed at the zoo.	yes	traveling	n/a	https://reservations.columbuszoo.org/Info.aspx?EventID=5
COSI	COSI Connects - Clean Up Litter	Have you seen litter around your community? Plan a trip with members of your household to go out and clean up the community! You can clean up a neighborhood, local park, or hiking trail. Find tips, safety instructions, and best practices in the activity.	Families, Middle School, High School	No	N/A	Any	Free resource - can do on your own	Participate anywhere	Free - some basic supplies necessary	https://www.cosi.org/downloads/connect/Keeping-our-Rivers-Clean-Video-Activity.pdf
COSI	COSI Connects - Start a Compost Pile	Start your own compost pile! Learn how to use decomposition to your advantage, reduce the waste you're sending to a landfill, and create valuable compost that will add nutrients to your garden.	Families, High School	No	N/A	Any	Free resource - can do on your own	Participate anywhere	Free - some basic supplies necessary	https://cosi.org/downloads/connect/Composting_VideoActivity.pdf
COSI	COI Connects - Biomimicry	Have you ever wondered, "how does nature do it?" In this activity, learners will investigate examples of biomimicry. Then, they will take a moment to step into nature and observe, looking for and appreciating the incredible structures and processes utilized by organisms every day.	Middle and High School	No	N/A	Any	Free resource - can do on your own	Participate anywhere	Free	https://cosi.org/downloads/connect/HowdoyoumakeVelcro_VideoActivity.pdf
COSI and Green Bexley, Bexley Recreation and Parks Department	COSI Science Festival - Make Your Own Reusable Bag	Looking for ways to help save the planet? Reusing is one great way to help! In this activity, grab a pair of scissors and an old t-shirt to make your own reusable bag.	Elementary, Middle, and High School	No	N/A	Any	Free resource - can do on your own	Participate anywhere	Free - will need an old t-shirt and scissors	https://youtu.be/APLr_QLC1qk
Franklin Park Conservatory	Native Pollinators	Learn about pollinator habitats and explore the physical and behavioral traits that allow these species to thrive. Discover the importance of pollinators to humans. Also, Learn about ways that you can contribute to their survival.	k-5	Yes				on-site	\$7 per person (including adults). 25 students maximum per program. For classes with fewer than 10 students, a flat program fee of \$70 applies. The Columbus Arts & Culture Fee adds an additional 5% ticket fee to the cost of school programs.	

Franklin Park Conservatory	Blooms and Butterflies	Discover the wonders of butterfly anatomy, metamorphosis, and migration as your class rotates through the Conoservatory's biomes. Includes a section on human impacts on Monarchs.	k-5	Yes	K.LS.1, K.LS.2, 1.LS.1, 1.LS.2, 2.LS.1, 3.LS.3, 4.LS.1, 5.LS.1			on-site	\$7 per person (including adults). 25 students maximum per program. For classes with fewer than 10 students, a flat program fee of \$70 applies. The Columbus Arts & Culture Fee adds an additional 5% ticket fee to the cost of school programs.	
Franklin Park Conservatory	Garden Connections	Identify basic plant structures. Use your observation skills to discover pollinators, learn about compost and more while exploring edible gardens.	k-5	Yes				on-site	\$7 per person (including adults). 25 students maximum per program. For classes with fewer than 10 students, a flat program fee of \$70 applies. The Columbus Arts & Culture Fee adds an additional 5% ticket fee to the cost of school programs.	
Franklin Soil and Water Conservation District	The Empty Lot	Habitat needs and environmental interaction are explored as students participate in this story by Dale Fife.	PreK-2, 4	Yes	PreK ESS/LS; Grades k-2, 4 LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Crawdad Creek	Sitting around a "dry stream" model, students encounter local stream animals and their habitat needs as we read Crawdad Creek by Scott Russell Sanders.	PreK-3	Yes	PreK ESS/LS; Grades k-3 LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education

Franklin Soil and Water Conservation District	Francis the Fish	Students portray characters in a local community and observe how everyday actions impact local water quality.		PreK, 4	Yes	PreK ESS/LS; Grade 4 LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	What's in Our Water	Using the Enviroscope watershed model, students observe changes in water quality when rain and land pollutants mix. Runoff, erosion, point and non-point source pollution concepts will be addressed.		4,7, 9-12	Yes	Grades 4, 7 ESS/LSS; Grades 9-12 ER	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	The Lorax	Through participation in the narration of this Dr. Seuss story, students witness human impact on the environment and discuss the importance of making wise choices.		PreK-2, 4	Yes	PreK ESS/LS; Grades k-2, 4 LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Murky Water Caper	This readers' theater detective story by Deborah Rodney Pex's encourages students to investigate the causes and effects of water pollution. Scripts, "costumes" and simple scenery are included.		Grade 4	Yes	LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Discovering Soil is Alive	In this hands on investigation students discover that soil is alive as they uncover invertebrates that live below. A discussion of soil as a habitat and the role these animals have is included.	Linda Pettit (LPettit@franklinswcd.org)	preK-3, 5	Yes	LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Journey through the Soil	Students will step inside the soil tunnel to discover what's below ground. A realistic canvas mural depicts underground soil layers, plant roots and organisms in urban, aquatic, forested and agricultural landscapes. The ingredients, textures, properties and importance of soil are discussed as we investigate each landscape.	Linda Pettit (LPettit@franklinswcd.org)	Grade 3,4,6	Yes	Grade 3 ESS; Grade 4 ESS/LS; Grade 6 ESS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Exploring Soil	Students will get their hands dirty in this soil exploration as they create new soil with rocks, texture different soils to determine soil type and create a loam model to enhance their understanding of soil components. Soil horizons, components, types and their uses will be addressed.	Linda Pettit (LPettit@franklinswcd.org)	Grades 3, 6	Yes	ESS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conservation District	Power of Plants	An introduction of plant parts and their different roles will be followed by a discussion of what plants need to survive. In the end, students will discover that plants are important to us for food, providing oxygen and filtering stormwater runoff.	Linda Pettit (LPettit@franklinswcd.org)	PreK,1,3	Yes	PreK ESS/LS; Grades K,1,3 LS	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education

Franklin Soil and Water Conserva tion District	Design a Rain Garden	This program will answer the what, how, why and where of putting in a rain garden and specifically focus on how we use math formulas to design a rain garden in the most optimal location.	Linda Pettit (LPettit@franklins wcd.org)	Grades 9-12	Yes	ER	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conserva tion District	Where Does Our Water Flow?	Using the Augmented Reality Sandbox (ARS) students will investigate hydrology, watersheds and runoff.	Linda Pettit (LPettit@franklins wcd.org)	Grades 4,7,8, and HS Enviro science classes	Yes	Earth Science Standards grades 4, 7, 8, and HS enviro science classes	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Franklin Soil and Water Conserva tion District	Stream Quality Monitorin g Trip	This outdoor field trip turns students into scientists as they wade into a local stream to investigate what animals live below the surface. Students will participate in scientific field sampling techniques and determine the health of the stream based on the macroinvertebrates they collect.	Linda Pettit (LPettit@franklins wcd.org)	Grades 3-5, 7, 9-12	Yes	Grades 3-5,7 LS; Grades 9-12 ER	Franklin County	yes	can bring to classroom	Free	https://www.franklinswcd.org/education
Grange Insuranc e Audubon Center	Birding Basics	Introduction to birds - physical characteristics: feathers, beaks, migration	Stephanie Weykamp, stephanie.weykam p@audubon.org	Kindergarten	Yes	K.LS.2	3 mile radius/Colum bus City Schools	Yes	Traveling	\$ 100.00	
Grange Insuranc e Audubon Center	Living vs. Non-Living	What is the difference between living and non-living things? How do they make up the habitats we live in?	Stephanie Weykamp, stephanie.weykam p@audubon.org	Kindergarten	Yes	K.LS.1	3 mile radius/Colum bus City Schools	Yes	Traveling	\$ 100.00	
Grange Insuranc e Audubon Center	Basic Needs	What are our basic needs? A plant's? How do they impact our survival and our ecosystems?	Stephanie Weykamp, stephanie.weykam p@audubon.org	Grade 1	Yes	1.LS.1	3 mile radius/Colum bus City Schools	Yes	Traveling	\$ 100.00	
Grange Insuranc e Audubon Center	Habitats	Explore the differences in habitats and why it is so important to preserve and protect them.	Stephanie Weykamp, stephanie.weykam p@audubon.org	Grade 1	Yes	1.LS.2	3 mile radius/Colum bus City Schools	Yes	Traveling	\$ 100.00	
Grange Insuranc e Audubon Center	Habitats	Explore the differences in habitats and why it is so important to preserve and protect them.	Stephanie Weykamp, stephanie.weykam p@audubon.org	Grade 2	Yes	2.LS.2	3 mile radius/Colum bus City Schools	Yes	Traveling	\$ 100.00	

Grange Insurance Audubon Center	Environmental Impacts	Learn how all living things are interconnected and thus impact each other and what the consequences of this are.	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 2	Yes	2.LS.1	3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Life Cycles - Plants	Compare different plant life cycles and their progress from germination to decay	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 3	Yes	3.LS.3	3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Adaptations	Focus on birds' unique physical and behavioral traits (3rd grade) as well as more in-depth behavioral traits (4th grade) that they display in order to increase their chances of survival	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 3	Yes		3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Adaptations	Focus on birds' unique physical and behavioral traits (3rd grade) as well as more in-depth behavioral traits (4th grade) that they display in order to increase their chances of survival.	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 4	Yes		3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Invasive Species	Investigate some invasive species and how their impacts are changing the world around us.	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 4	Yes	4.LS.1	3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Food Chain	Learn about the various roles and relationships of producers, consumers, and decomposers in ecosystems.	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 5	Yes	5.LS.1	3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Migration	Learn about the reasons behind birds' migration journeys and challenges they must overcome to travel safely	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 5	Yes		3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00
Grange Insurance Audubon Center	Symbiosis	Students will identify animals within the three main types of symbiotic relationships which includes: parasitism, commensalism, and mutualism.	Stephanie Weykamp, stephanie.weykamp@audubon.org	Grade 5	Yes	5.LS.2	3 mile radius/Columbus City Schools	Yes	Traveling	\$ 100.00

Keep Columbus Beautiful	Litter Evaluation Bag	Students will be able to discuss why litter is undesirable and state that littering is a behavior that can be changed.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Kindergarten	No: Can be used to supplement current lessons .	N/A	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	My Way to School	Students will go on a walk and put into action picking up litter. The goal for this activity is littering behavior, not the littered items.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Kindergarten	No: Can be used to supplement current lessons .	N/A	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	A Trashy Mystery	Students will identify littering and what is wrong with throwing trash on the ground.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	First	Yes	GO.8, GO.10	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Blindfold Surprise	Students will touch and describe various objects that help them better understand the concept of reusing and recycling	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	First	Yes	1.LS.2	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Litter Dictionary	Students will be able to describe special properties of litter and waste objects and tell whether these items are recyclable or not.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	First	No: Can be used to supplement current lessons .	1.PS.1	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Junk Art	Students will discover that “junk” or discarded materials can be made into beautiful and interesting art. Students will collect items and create a piece of art while learning to correctly use the terms reuse and repurpose.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Second	No: Can be used to supplement current lessons .	N/A	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Useful Waste	Students will be able to identify and describe waste material in their environment and compare items which can be useful when reused or recycled.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Second	No: Can be used to supplement current lessons .	N/A	Columbus City Schools	No	Classroom	Free

Keep Columbus Beautiful	Litter Literature	Students will follow along as the book The Wartville Wizard is read aloud. Students will use clues from the story to answer questions about litter and the books plot. A discussion will be held about experiences with litter.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Third	Yes	RL.3.1		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Walk the Talk	Students will be able to understand the attitudes that predominate people's thinking about litter and identify the sources of litter.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Third	No:	N/A		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Waste Audit	Students will be able to identify the major waste components of the school. They will be introduced to the idea of where waste goes once it leaves the school and they will have an understanding of the quantity of waste and recyclables	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Third	No:	N/A		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Ruling Out Litter	Students will be able to identify and explain the purpose of rules and sanctions against littering. They will make rules and sanctions to prevent litter by choosing from alternatives while improving their ability to cooperate with others and to problem solve.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Fourth	No:	N/A		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Shabby Shelter	Students will be able to explain how litter can provide a way for animals to meet their needs and describe the harmful consequences to animals and to human health when animals make their home in litter.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Fourth	No:	N/A		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Advertise our Attitudes	Students will be able to plan and implement a litter prevention campaign and create a program to reward desirable behavior.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Fifth	No:	N/A		Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	At the Source	Students will be able to identify seven sources of litter and reason how littering takes place at these sources.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Fifth	No:	N/A		Columbus City Schools	No	Classroom	Free

Keep Columbus Beautiful	Map out Litter	Students will be able to identify specific places in their community where litter exists and hypothesize the most effective places for trash containers. Students will improve their ability to analyze maps.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Fifth	No: Can be used to supplement current lessons	N/A	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Enviroscape Model	In this activity, students will learn how water pollution occurs. Students will litter the streets on the model and spray water to mimic rainfall while using a fan to mimic wind. Students will watch the litter and contaminants make their way to the storm drains, flow over hills, and make their way to our streams, rivers, and oceans. This will demonstrate the consequences of our actions to our environment.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	All Grades	No: Can be used to supplement current lessons	N/A	Columbus City Schools	No	Classroom	Free
Keep Columbus Beautiful	Litter Free School Zone	Litter Free School Zones is a 2 year commitment by a Columbus City School to build pride while keeping their school, campus, and surrounding neighborhood streets litter free.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	All Grades	No: Can be used to supplement current lessons	N/A	Columbus City Schools	No	Classroom	Free
Ohio Department of Natural Resources- Division of Wildlife	Project WILD/WILD School Sites	Project WILD is a supplemental preK-12 program that uses wildlife and wildlife habitat as a focus for learning. Curriculum guides are available through free to low cost workshops and many provide CEU's. WILD School Sites is an action extension of Project WILD that helps schools create wildlife habitat on the school grounds and then use it in lessons. Grants, training, consultations, and certifications are available.		PreK-12	yes	Ohio's Learning Standards for Science K-12, NAEYCE and Head Start Domains	All of Ohio	Yes	Professional Development can occur in both settings. We don't do many in-class programs for students.	Sometimes there is a cost for materials or a provided lunch. But it's usually free. http://wildohio.gov
Ohio Energy Project	Careers in Energy	Introducing students to careers in the energy industry through behind-the-scenes tours of training sites. This program will explore skilled trade positions that require a high school diploma or two-year associates degree.		Grades 8-12	yes		Central Ohio	yes	Field trip to local training centers or community colleges	No cost to school or educators. Reimbursed transportation costs. https://ohioenergy.org/educators/energy-for-kids/careers-in-energy-for-aep-ohio-schools
Ohio Energy Project	Educator Professional Development	Grade-level specific professional development to meet physical science/energy content standards. Includes training, curriculum and a kit of classroom equipment.		Educators: Grades 3, 4, 5, 7 & 9.	yes	https://ohioenergy.org/educators/new-ohio-academic-content-standards	State-wide	yes	Varios locations around Ohio	No cost to school or educators https://ohioenergy.org/educators/new-ohio-academic-content-standards
Ohio Energy Project	Energy Sources Tour & Blitz	Tour energy sites around Ohio exploring behind-the scenes and learning from energy industry professionals. Educators receive valuable OEP curriculum and materials you can use in the classroom.		Educators grades 3-12	yes	Physical Science grades 3-12	State-wide	yes	Varios locations around Ohio	No cost to school or educators https://ohioenergy.org/educators/professional-development/energy-sources-tour

Ohio Energy Project	Energy Leadership Summits	The Energy Leadership Summit capitalizes on OEP's core philosophy of Kids Teaching Kids as it prepares students with a love for learning to facilitate hands-on energy activities aligned to Ohio's Learning Standards. Participants acquire leadership, presentation and teamwork skills. The end result is student leaders who are fully engaged and ready to conduct Energy Workshops and programs in their school. A kit of materials is provided to schools conducting local programs.		Grades 7-12	yes	Physical Science grades 3-6	State-wide	yes	Field trip to Central Ohio location	No cost to school or educators	https://ohioenergy.org/educators/energy-for-kids/youth-energy-summit
Ohio Energy Project	Energy Workshop	These daylong programs offer a variety of hands-on activities about the sources and transformations of energy, energy efficiency, heat, light and sound. Students are challenged to be energy leaders at school and at home.		Grades 3-6	yes	Physical Science grades 3-6	State-wide	yes	Field trip to Central Ohio location	No cost to school or educators	https://ohioenergy.org/educators/energy-for-kids/energy-workshops
Ohio Energy Project partnering with AEP Ohio and Columbia Gas of Ohio	e3 Smart: energy efficiency education	Teachers implement an energy efficient curriculum into their lesson plans. The curriculum follows Ohio teaching standards and is no cost to the teachers, schools, or students. Along with the curriculum, each student receives an energy kit to take home and install energy saving measures into their own home based off the training and education they receive from their teacher throughout the school year.	Derek Wholihan Education Coordinator(dawholihan@columbus.gov)	Educators Grades 3-12	Yes	Elementary: https://ohioenergy.org/wp-content/uploads/2019/09/Elementary-OLS.pdf Secondary: https://ohioenergy.org/wp-content/uploads/2019/09/Secondary-OLS.pdf	Schools within AEP Ohio & Columbia Gas of Ohio service territory	Yes	Classroom	No cost to school or educators	https://ohioenergy.org/educators/energy-efficiency
Project Wet 2.0	Molecules in Motion	Experiments and investigations that demonstrate the conditions required for condensation or evaporation to occur lead to a deeper understanding of these concepts.		Grade 2	yes	Science ESS	Any	n/a			https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Project Wet 2.0	Poison Pump	Conducting changes to document specific changes and the results of the changes must be used. Maps or charts can be use to document the location of living things.		Grades 2/7	yes	Sciences ESS / LS	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Project Wet 2.0	Blue Planet	Learning about Earth and water		Grade 4	yes	Science ESS	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Project Wet 2.0	The Incredible Journey	The different parts of the water cycle are explored and discussed.		Grade 2	yes	Science ESS	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf

Project Wet 2.0	Wetland Soils in Living Color	Properties in soil that are useful in soil identification include texture, color, composition, permeability.	Grade 6	yes	Science EES	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Project Wet 2.0	Invaders!	When the environment changes, some plants and animals survive and reproduce and others die or move to new locations.	Grade 4	yes	Science LS	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Project Wet 2.0	Grave Mistake	Conducting changes to document specific changes and the results of the changes must be used . Maps or charts can be use to document the location of living things.	Grades 2/7	yes	Science LS/ESS	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/42/documents/ProjectWET/New%20Learning%20Standards%20Project%20WET.pdf
Solid Waste Authority of Central Ohio (SWACO)	SWACO School Recycling Resources	SWACO's school recycling resources were developed to provide teachers, students, and custodians a variety of activities and tools for implementing successful recycling programs. Resources are geared toward outreach & education and best management practices.	Primary and Secondary	No: Can be used to supplement current lessons .		Franklin County, Ohio. Anyone can download from our website.	Yes	Online resources - but landfill field trips are offered as part of this opportunity.	Field trips are free. SWACO offers bus reimbursement for field trips up to \$220 per bus for Franklin County schools.	https://www.swaco.org/316/School-Recycling-Resources
Solid Waste Authority of Central Ohio (SWACO)	School Recycling Champion Program	The School Recycling Champion program was created to provide funding and equipment to schools in Franklin County to begin or improve recycling programs. The program is designed to help schools build a successful, sustainable, comprehensive program that can serve as a model to other schools within or outside of the school district.	Primary and Secondary	No: Can be used to supplement current lessons .		Franklin County, Ohio.	Yes - School must complete an application and be accepted to the program.	SWACO will work with the school to implement.	Once an application is approved, SWACO will purchase and pay for recycling containers for classrooms and common areas. Each School with 50 or less classrooms is eligible to receive up to \$1,500 in funding support. Each school with 50 or more classrooms is eligible to receive up to \$3,500 in funding support.	https://www.swaco.org/324/Recycling-Champion-Funding-Recognition-P

Solid Waste Authority of Central Ohio (SWACO)	SWACO School Food Waste Resources	SWACO's food waste resources were developed to provide teachers, students, and administrators with a variety of activities and tools for implementing food waste reduction programs and habits both at school and at home. The resources are geared toward outreach and education to build awareness and motivate users to take action.	Primary and Secondary	Yes	May be found in each activity.	Franklin County, Ohio. Anyone can download from our website.	Yes	Online resources - but landfill field trips are offered as part of this opportunity.	Field trips are free. SWACO offers bus reimbursement for field trips up to \$220 per bus for Franklin County schools.	https://www.swaco.org/378/School-Food-Waste-Resources
Solid Waste Authority of Central Ohio (SWACO)	SWACO At-Home Activities	Waste diversion learning is fun and can be done easily at home with items you already have on hand.	Primary and Secondary	No: Can be used to supplement current lessons.	.	Franklin County, Ohio. Anyone can download from our website.	Yes	Online		https://www.swaco.org/382/At-Home-Activities
Windows on Waste	Windows on Waste Activities	An Elementary, Interdisciplinary, Environmental Studies Activity Guidebook about Solid Waste and Environmental Issues.	Varies	yes	Varies	Any	n/a	n/a	n/a	https://epa.ohio.gov/Portals/41/recycling/WindowsOnWaste.pdf