



Helpful Science Teacher Websites for Soil and Water

Name of Organization	Lessons for Ages	Email	Website	Description of Group
4 Nutrient Stewardship	Resources		https://nutrientstewardship.org/	Ag Informational Resources
Atlas of Vascular Plants:	Resource for Teachers		https://florida.plantatlas.usf.edu/	
Everglades Foundation	Teacher Tool Kit K-12	thru website	https://www.evergladesfoundation.org/programs	Literacy, Science, and Advocacy Teacher Resources available
FL Dept of Agriculture Farm to School	Various Ages School Gardens Information	InfoFNW@FDACS.gov	https://www.fdacs.gov/Food-Nutrition/Nutrition-Programs/Farm-to-School	enhances the connection that communities have with local growers to increase Florida products served in schools, offer healthier options for Florida's children and get students involved in nutrition and agriculture education through school garden activities.
Florida FFA	Middle & High School Leadership, Events for Livestock	thru website	https://flaffa.org/	FFA members, regardless of future occupation, become informed and supportive consumers, leaders in building their communities and help strengthen agriculture.
FL Ag in the Classroom	K-12 lessons under teaching resources link	thru website	https://faitc.org/	leading collaborator and trusted provider of PreK-12 educational resources and teacher professional development programs focusing on awareness and knowledge of agriculture and natural resources in Florida.
Florida A&M University Agricultural Sciences	College with AgRobert ZTaylor, Dean & Director		https://cafs.famu.edu/	research and outreach to become highly qualified professionals in ag/food sciences
Florida 4-H Youth Development	Various Ages Camps, Events	fourh@ifas.ufl.edu Stacey Ellison, staceye@ufl.edu	https://florida4h.ifas.ufl.edu/	non formal, practical educational program for youth
Global Biodiversity Initiative	Range of ages	info@globalsoilbiodiversity.org	https://www.globalsoilbiodiversity.org/educational-resources	Under Resources tab: Soil Lessons, Biodiversity, Vidoes, Podcasts
Hillsborough County Farm Bureau	Kaylee Poppell, Ex Dir (Ag Venture Program and others) Range of Ages	info@hcfarmbureau.org	https://hcfarmbureau.org/	connect with our legislative delegations at the local, state, and national levels regarding all things agricultural.

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National Association of Conservation Districts	K-8 lessons on water, soil, pollinators, forests, watersheds	info@nacdn.net	https://www.nacdn.net/	carry out natural resource management programs at the local level
Nutrients for Life	K-2, 3rd-5th, Middle and High School	thru website	https://nutrientsforlife.org/for-teachers/	Teacher Resources on Soil, E lessons, virtual field trips, video library, Under Ag Professional: Toolboxes (lesson kits)
Project Learning Tree (Elise Cassie)	K-8 lessons: Explore Your Environment, Project WET, Project Wild, & Aquatic Wild	PLT@forests.org ecassie@ufl.edu	https://www.plt.org/	Activities and resources to engage children in learning about the environment through the lens of trees and forests.
Soil Cycle Elisabeth, Ex Dir	Elementary up to 6th grade Videos, lessons on composting, soil	info@soilcyclemissoula.com	https://www.soilcyclemissoula.com/	promote the natural food cycle by providing environmentally sustainable compost services and education
Soil Science Society of America	Teachers, College Students	thru website	https://www.soils.org/	valuable component of your professional career, lessons, podcasts, and videos on soils
SouthWest Florida Water Management District (SWFMD)	Grades 3-8 & information for High School	thru website	https://www.swfwmd.state.fl.us/	Free publications, posters, bookmarks, curriculum based on water, FL Ag, wetlands, weather, and sustainability.
UF College of Ag and Life Sci	Dr Elaine Turner, Dean	cals-dean@ufl.edu	https://cals.ufl.edu/	preparing the next generation of leaders to address the world's critical challenges related to agriculture,
UF/IFAS EXTENSION, Hillsborough Co	Lynn Barber, Ext Agent	labarber@ufl.edu hillsborough@ifas.ufl.edu	https://sfyl.ifas.ufl.edu/hillsborough/	provides education and information to Hillsborough County residents and businesses through workshops, publications, and mass media.
University of Florida, Institute of Food & Ag Sci		thru website	https://ifas.ufl.edu/	Preparing the next generation of leaders to address the world's critical challenges related to agriculture, food systems, human wellbeing, natural resources and sustainable communities
USDA/NRCS Education Resources		Thru website	https://www.nrcs.usda.gov/resources?title=&resource_type=20	
USDA USDA Farm/Loans US Forest Service	Various ages	thru website	https://www.usda.gov/youth/curricula https://www.fs.usda.gov/learn/conservation-education	Conservation Education Woody Owl, Smokey Bear, Junior Rangers Water, Air, Soil, Climate Change, Forests etc.

Resources for Teachers

Soil and Earth's Resources:

- Natural Resources Digging Soil*, By: Valynda Mayes
Science Sampler, The Science of Soil Texture By: Gary Bigman
The Colo, Exploring the Science of Soil Color By: Warren C. Lynn

Fun Rock Facts:

- Science for Kids: <http://www.sciencekids.co.nz/sciencefacts/earth/rocksandminerals.html>
One Geology Kids: http://www.onegeology.org/extra/kids/rocks_and_minerals.html

National Geographic for Kids

- <http://kids.nationalgeographic.com/explore/science/geology-101/#geology-sedimentary.jpg>
Soil Resources: <http://kids.nationalgeographic.com/search-results/?q=soil>

US Forest Service

- [Natural Inquirer](#) is a science journal written by Forest Service scientists for middle-school students.
- [FSNatureLIVE!](#) brings together webinars and information about pollinators, climate change, wetlands, bats, bird migration, butterflies and rainforests.
- [North American Association for Environmental Educators](#) has more than 5,400 links divided among 300 categories.
- [Every Kid Outdoors](#) fourth grade passes are a great opportunity to take field trips.

Additional Books:

- [Aquatic Project WILD](#); Western Regional Environmental Education Council
- *Flying Start Science-Water*; Kim Taylor *Folsom Dam Fact Sheets; Bureau of Reclamation
- *Layperson's Guide to The American River*; Water Education Foundation
- *Living in the Environment, An Introduction to Environmental Science*; G. Tyler Miller Jr.
- *Water Facts*; Water Education Foundation *50 Simple Things Kids Can Do To Save The Earth; The EarthWorks Group