

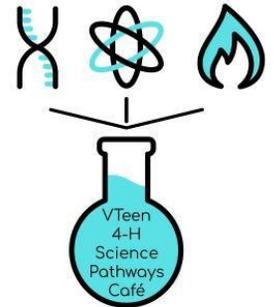


VTeen 4-H Science Pathways Café



Between a Rock and a Soil Place

Saturday, September 28, 2019, 5:00-7:00 pm
University of Vermont, Davis Center, Mansfield Dining Room
FREE pizza and drinks
Open to all youth in grades 7-12
Register@ <https://sept2019cafe.eventbrite.com> no later than September 25
“Like” us @www.facebook.com/VTeen4HScienceCafe



The “Critical Zone” is defined as the thin layer of Earth that supports most of life, which extends from the tops of the trees down to the water that runs through rock beneath our feet. What’s going on under there, anyway? Soil is a building block of ecosystems, and it has a big influence on where we live and what we eat. This café will get you thinking about soil and earth materials in new way and introduce you to some of the unique challenges faced by

interdisciplinary scientists. Come learn how scientists can work together to tackle big issues like acid rain and climate change and translate these findings to policy. Gain a new perspective on New England history through a uniquely geological lens. Plus, get your hands dirty exploring how soil properties such as color, texture, and porosity can affect soil fertility and water!

LEARN MORE! A follow-up workshop on October 8 from 3:30—5:30 pm will take place in Centennial Woods to see how earthworms are reshaping Northern forests and get hands-on experience describing soil pits outside. This will be available only to students who attend this café. Registration will open after the café; limited to 15 participants.

ABOUT OUR SPEAKER

Jenny Bower is a PhD student at UVM in the Plant and Soil Science Department. Her research is based at Hubbard Brook Experimental Forest, where she studies weathering in forest soils with a collaborative team of scientists from the U.S. Forest Service, UVM, and Virginia Tech.

What is a Teen Science Café? It is a free, fun way for teens to explore science, engineering and technology with local scientists, engineers and technology experts. Teens participate in informal discussions and hands-on activities to learn about different topics. And, there is always free food! Planned and run by teens for teens.

Questions? Contact lauren.traister@uvm.edu

To request a disability-related accommodation to participate in this program, please contact the 4-H Office at 802-888-4972 or lauren.traister@uvm.edu by September 9, 2018 so we may assist you.



www.uvm.edu/extension/youth