



Cornell Cooperative Extension
Monroe County

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Curbing our Carbon Appetite Challenge
4-H Ag Innovators Experience Trains Teens to Teach Younger Youth New Ways to
Explore Climate Change

The Cornell Cooperative Extension of Monroe County 4-H program is taking part in the 2021 National 4-H Ag Innovators experience. This experience trains local teen leaders to teach younger youth on how to apply STEM skills in addressing real life agriculture problems. This year's lesson is "Curbing our Carbon Appetite Challenge," in which teen leaders share ways we can reduce our carbon footprint, and help youth understand the effects of higher levels of atmospheric carbon on Earth's temperature using hands-on activities and demonstrations.

We are offering the Curbing Our Carbon Appetite Challenge lesson to youth 3rd to 8th grade in Monroe County between March 2021 to June 2021. This lesson, created by National 4-H Council and Bayer, challenges youth to use STEM skills to solve a real-world issue while also driving youth toward awareness of, and interest in, agriculture innovation and agriculture careers. The youth will explore this topic through hands-on activities presented by four trained teen leaders. The kids will participate in a Carbon-Friendly lunch challenge and learn carbon-friendly actions they can do at home to benefit their community.

We are offering the Curbing Our Appetite Challenge to any interested youth on Thursday April 29 from 5:00 to 6:00 PM. Register for this free, virtual program here:

<https://cornell.zoom.us/j/96640310007?pwd=ZDMrNlZlYXdyN05TM0h2SHlRai9kQT09>

Are you interested in experiencing this one-hour teen-led virtual program with your class or youth group?

The challenge is a virtual program where you will choose the time and date appropriate for your youth group or class. In this collaborative and interactive challenge, youth can expect to:

- Explain how human activities increase atmospheric carbon and contribute to climate change.
- Plan a carbon-friendly meal by selecting foods with low carbon footprints.
- Identify carbon-friendly actions that agriculture, business and industry, and individuals and families can take to reduce atmospheric carbon.
- Identify STEM/agriculture careers that connect to the environment and to carbon reduction.

Building Strong and Vibrant New York Communities

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.

We can offer this lesson in school and community settings. To schedule a lesson for your youth contact Lori Koenick at lbk75@cornell.edu .

The Monroe County 4-H Program is offered through Cornell Cooperative Extension to the youth of Monroe County. 4-H is a worldwide youth development program open to all youth ages 5 to 19 ,who want to have fun, learn new skills, and explore the world. In return, youth who participate in 4-H find a supportive environment and opportunities for hands-on or "experiential" learning about things that interest them. Learn more at <http://monroe.cce.cornell.edu/4-h-youth-development>.



Monroe County 4-H offering Curbing Our Carbon Appetite Challenge to youth in 3rd-8th grade this spring.

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