

4-H Renewable Energy Camp

2018 Impact Report



Renewable Energy Camp is a pre-college program that is designed to educate youth on current issues and technologies impacting energy and the environment. Participants spend five days exploring ideas, research, and hands-on opportunities in the field of renewable energy. Youth work with leading researchers at Michigan State University to conduct experiments, make their own biofuel,

design and test wind turbines, and design and build a solar-powered model home.

In 2018, 26 youth attended Renewable Energy Camp. Post-event evaluations showed that participating youth gained knowledge and skills related to environmental science and conservation. Youth also reported aspiring towards scientific career fields.



73% of youth can use scientific data to form a question



80% of youth believe that they can influence environmental issues through conservation



61% of youth are interested in a career in environmental science

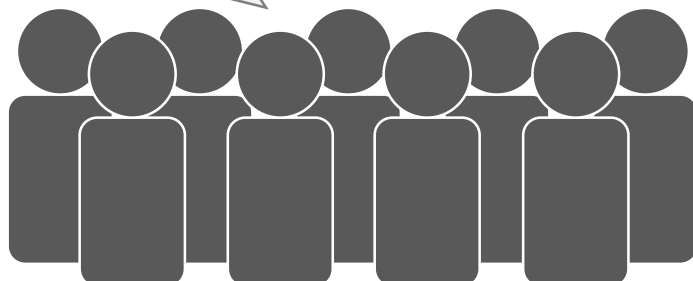


73% of youth are now interested in attending Michigan State University

“The most memorable experience at camp was **creating biofuels and visiting all different types of farms**, such as dairy, wind, solar, etc.”

“I will do as much as I can to help **preserve energy** on an individual basis.”

I will change how I use energy by “(Hopefully) being **more conscious of my energy use** and also in the distant future, I’d be interested in **buying an electric car.**”



DID YOU KNOW?

Youth who participate in Michigan 4-H pre-college programs are more likely to go to college: of the youth who participated in Renewable Energy Camp between 2015 and 2017, 80% enrolled in college in the 6 months following high school. That’s 24% higher than the Michigan average!