

4-H Renewable Energy Camp

2017 Impact Report



Renewable Energy Camp is a five day pre-college program that is designed to educate youth on current issues and technologies impacting energy and the environment. Youth participants spend 5 days exploring ideas, research, and hands-on opportunities in the field of renewable energy. Youth work with leading researchers at MSU to conduct experiments, make their own biofuel, design

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

In 2017, 33 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.



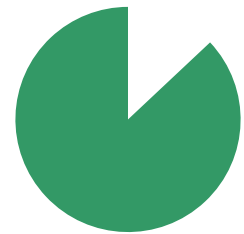
91% of youth can use scientific data to form a question



93% of youth believe they can influence environmental issues through conservation



79% of youth are interested in a career in environmental science



87% of youth are now interested in attending MSU

“I am going to be more cautious about my everyday actions such as charging my laptop and blow-drying my hair. I also am able to **educate other people** about it now.”

“This camp has **opened my eyes** to how much we directly impact the environment.”

“I will try to be more environmentally friendly by **saving water and turning off the lights** when I don’t need them. I may also pursue a career path pertaining to world-friendly energy consumption.”



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 in 2015 and 2016, 77% enrolled in college within 6 months after high school. That’s 23% higher than the Michigan average!

