



TREC Education

in Rainy River



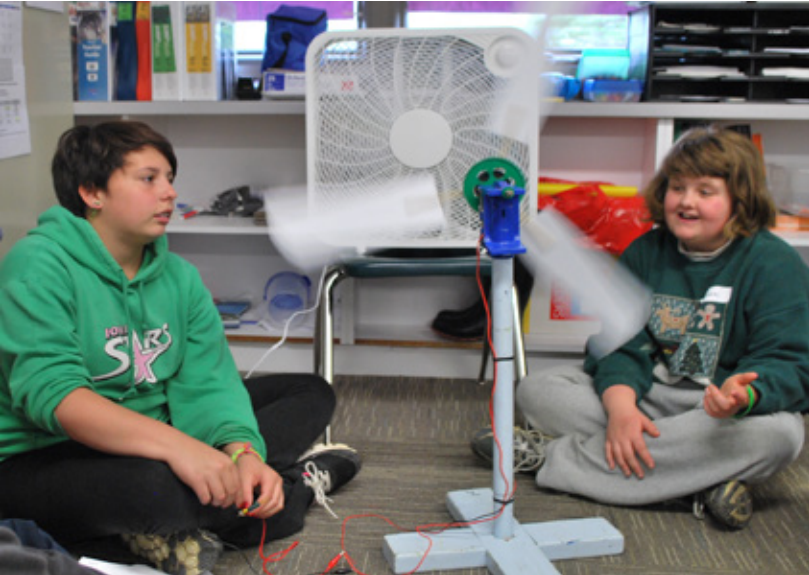
From May 10 to 13, 2016 more than a hundred children from Mikinaak Onigaming School, Pegamigaabo Elementary School and Rainy River District School Board schools participated in TREC Education’s renewable energy workshops. Our interactive workshops made a positive impact on the students by making relevant, real world connections to the science and possibilities of renewable energy.

All students participated in a wind workshop, conducting experiments using our small scale wind turbines to transform wind energy into electrical energy. In addition to our wind workshop, we challenged students to use their imaginations and technical abilities to design and build their own model wind turbines in our Renewable Energy Design Challenge. Working in small groups, with guidance from our facilitators, all students were able to complete a functioning wind turbine.

Capture the Wind Workshop

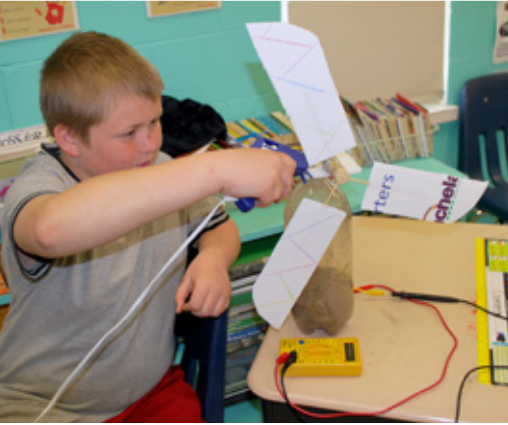
Capture the Wind is a Grade 6 curriculum-linked workshop, which examines electricity, circuits, and renewable energy in the context of experimenting with miniature wind turbines.

During this workshop, students learned about electricity in Ontario, connected parallel and series circuits, and identified the difference between conductors and insulators. While using the wind turbines, students completed experiments that hone skills such as: data recording, calculating math problems and working in teams.



Renewable Energy Design Challenge

The Renewable Energy Design Challenge enables youth to design and build their own functioning renewable energy models. Youth in Rainy River, Completed the Wind Design Challenge, which focused on designing wind turbines. Students tested out different blade shapes and sizes, created a stable base and used their creativity to personalize their turbines.



Students from the following schools participated:

McCrosson-Tovell Public School
Riverview Elementary School

Donald Young Public School
Sturgeon Creek School

Nestor Falls School
Mikinaak Onigaming School
Pegamigaabo Elementary School

This was TREC Education's first trip in this area of the province – we're grateful for the hospitality and new friendships we created. We look forward to returning to Rainy River and building a lasting relationship with schools and students. If you have any questions about this report or our programs you can reach me directly at 416-977-5093 x.2460.

Sincerely yours in education,

Wesley Normington
Executive Director
TREC Education
416-977-5093 x. 2460
wesley@treceducation.ca
www.treceducation.ca

