Children at the Actua science camp *in Resolute Bay watch outreach instructor Travis Moffat, left, and Dr. Luke Copland explain convection current.*

Youth see science at work

CAMP Feature

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photos courtesy of Actua

Kitikmeot/Baffin

Northern News Services

The Actua science camp zipped through Nunavut this summer.

Children participating in the camps learned how to observe science in everyday life in their communities. They learned how to ask questions and develop skills they already had, without necessarily knowing they had them. They learned about energy, physics, biology, robotics and much more.

Outreach instructor Travis Moffat and Dr. Luke Copland, associate professor and university research chair in the Glaciology Department of Geography at the University of Ottawa, demonstrated the process of convection current with a tub full of water and a smaller container of warm water. When food colouring was added to the cooler side, it can be seen as it mixed with the warm water and moved around in the current.

Students were tasked with making electrical connections in circuit using a puppet-like model called a Circuit Earl.

Actua is a non-profit organization that brings university science students and science professionals to the North to introduce the world of science, technology, engineering and mathematics (STEM) to young Nunavummiut.

– text by Michele LeTourneau

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