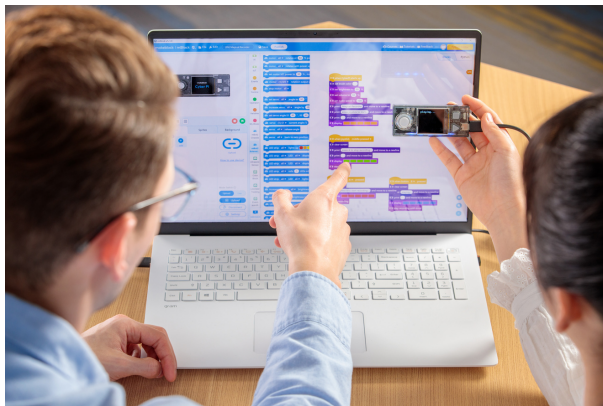


CLIMATE CODERS

Youth develop modern tech skills
with this Climate friendly program



THE CHALLENGE

BGC Canada was looking to develop an interactive program for youth ages 7 – 12 to augment the learnings from Kids Tech Nation which introduced children to basic digital skills and coding concepts. They also wanted to incorporate a relevant theme reflective of the times and one which their audience would be interested in. Lastly, facilitator resources and engaging activities in both English and French were required to help deliver this program to 25 Clubs across Canada.



"BGC Canada wanted to expand our STEM programming to youth, and we felt that connecting it to the environment would be a meaningful approach. Logics assisted us in developing an engaging, high-quality program and we could not be more pleased with the outcome and how it enables youth to learn more about the impact of climate change while exploring new tech. The development of Climate Coders expands access to equity-deserving youth and promotes the joy of learning."

THE SOLUTION

Logics Academy has developed STEM related learning experiences for Canadian educators and students for over 10 years. In collaboration with BGC and with support from CanCode, they created Climate Coders which challenges students to develop modern technology skills through the introduction of a variety of coding and robotics activities using the CyberPi device.

This single board controller and accessories combined with a comprehensive teaching guide and 8-week lesson plan will instruct kids how to measure temperature, air pressure and other areas related to climate control and the environment all while advancing their coding skills.

THE RESULTS

25 BGC Clubs across Canada have received their hardware kits and have begun to teach the program. Kids are engaged and learning not just about how to use new technology but about how they can help play a small role in climate change.

Deena Reis-Binne

Director Programs