

Science Centre Robotics Team to Represent Canada in Singapore.

EDMONTON, AB – June 6, 2023 – TELUS World of Science - Edmonton is pleased to announce that its youth robotics team has been selected to represent Canada at the International Youth *FIRST*® Global Robotics Competition in Singapore.

This Olympic-style competition created by *FIRST*® Global features over 190 teams from around the world and endeavors to empower the globe's nearly two billion young people through STEM (Science, Technology, Engineering and Math). They bring these future STEM leaders together in an engaging and collaborative competition that drives home the importance, excitement, and applicability of STEM education. *FIRST*® Global is using robots to build kids that have the self-confidence, skill sets, imagination, courage, and vision to do important things.

The Science Centre team of youth (grades 7-12) submitted an online application and video that outlined the amazing work they have done here in Edmonton and the outreach they do on an ongoing basis. Highlights included in the application:

- Assistive devices were 3D printed and donated for people in need (Makers Making Change)
- Community service work teaching coding & robotics
- Generating robotics excitement at summer camps and events
- A diverse & inclusive team

“These young teens are not just talented and creative, but they are building a real understanding of problem solving and the value of outreach and community. They are showing their skills to others and building excitement around learning, and robotics. The Science Centre is proud of them and excited to have them represent Canada,” says Jennifer Gemmell, Staff Scientist & Robotics Team Lead.

Philippe Manseau, *FIRST*® Tech Challenge Alberta Program Director, “*FIRST*® Alberta is very proud to partner with FTC 12094 Team TWOSE from TELUS World of Science – Edmonton as they represent Canada at the next *FIRST*® Global Challenge taking place in Singapore from October 7 to 10, 2023. Team TWOSE was selected from a pool of strong applicants showcasing why they should be Team Canada for *FIRST*® Global.”

Over the next few months, Team Canada will work on this year's challenge by focusing on the role of hydrogen as part of a renewable energy source and a way to reduce the carbon footprint of the energy sector.

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Media Contact:

- Ursula Pattloch, Director, Marketing & Communications, C: 780-982-5074, E: upattloch@twose.ca
- Donalda Pelton, Senior Manager, Marketing & Communications, C: 780-915-0765, E: dpelton@twose.ca

About TELUS World of Science - Edmonton

TELUS World of Science – Edmonton's mission is to: Ignite curiosity. Inspire discovery. Celebrate science. Change lives. We are the destination to engage Albertans' hearts and minds in science. The Edmonton Space & Science Foundation is a non-profit organization that operates TELUS World of Science – Edmonton.

About *FIRST*[®] Alberta

FIRST[®] Alberta is affiliated with *FIRST*[®] the world's leading youth-serving non-profit advancing STEM education. For over 30 years, *FIRST*[®] has combined the rigour of STEM learning with the fun and excitement of traditional sports and the inspiration that comes from the community through programs that have a proven impact on learning, motivation and skill-building inside and outside of the classroom. In Alberta, *FIRST*[®] was incorporated in 2013 and is proud of its reach in numerous elementary and secondary schools across the province.

About *FIRST*[®] Global

FIRST[®] Global is a US-based non-profit public charity established by the founder of *FIRST*[®] (For Inspiration and Recognition of Science and Technology), Dean Kamen. OUR MISSION is to inspire leadership and innovation in youth from all nations by empowering them through education in science, technology, engineering, and mathematics — also known as STEM.