

DANIELLE BOYER

The STEAM Connection

2023 Global Fellow



BIG BOLD IDEA

Make technical education accessible and representative for Indigenous youth by creating and distributing cultural robotics and educational programming that preserve and uplift Indigenous ways of life.

ORGANIZATION OVERVIEW

The STEAM Connection — a minority and youth-led organization — makes technical education accessible and representative for Indigenous youth. The STEAM Connection’s approach is rooted in traditional knowledge and utilizes the power of designing, manufacturing, and distributing cultural robotics for free. By creating solutions by Indigenous youth for Indigenous youth, The STEAM Connection uplifts and protects Indigenous communities, with a special emphasis on language preservation.

PERSONAL BIO

Danielle Boyer is an Indigenous (Ojibwe) robotics inventor and advocate for youth who has been teaching kids since she was ten. Driven by the inability of her family to afford science and technology education, she is passionate about making education accessible and representative for her community so that no child is left behind. Danielle creates equitable and innovative learning solutions for Indigenous youth with robots that she designs, manufactures, and gives away for free. At age eighteen, she created The STEAM Connection, a youth-led organization that has made technical education more accessible for youth, with an emphasis on language revitalization. Danielle has been named one of PEOPLE Magazine’s Girls Changing the World, a MIT Solve Indigenous Communities Fellow, a L’Oréal Paris Woman of Worth, a Teen Vogue Indigenous Youth Changemaker, and a Verizon Forward for Good Winner. She is a two-time invitee of the White House and is featured in “The Big Idea,” a documentary series by MIT Solve.

Organization/Fellow Location

Troy, United States

Impact Location

United States

Organization Structure

Nonprofit

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