



Built by youth. Built with 21st-century skills.

**Young minds. Bold ideas. Robotics and AI
turned into real-world blue-green solutions.**

The **Youth Robotics for Blue-Green Resilience and Prosperity Project** is a Commonwealth of Learning (COL) pilot that pairs Caribbean young people with mentors to solve real challenges in biodiversity, ocean health, coastal resilience, water conservation, food security and assistive robotics.

Young people work together under the project's two streams:

STREAM 1

Robotics design and prototyping

Researching and building robotics-enabled solutions, from sargassum at sea to soil health on the farm.

STREAM 2

Research, media and advocacy

Exploring blue-green resilience and amplifying youth perspectives through digital storytelling and advocacy.



Young innovators showcase their robotics prototypes at a STEM summer camp, 2026.



Field-testing a solar-powered prototype on a sargassum-hit shoreline, 2026.

“As youths, we’re building our own technology to solve our own regional challenges.” — Krissan Gardner, 21, Jamaica

OUR CALL TO COMMONWEALTH LEADERS

Young people are ready to lead. Make room for us.

Young people are urging Commonwealth Leaders to:

- **Include our voices** in shaping solutions to today’s challenges.
- **Invest in our skills**, with real opportunities to apply our creativity and innovation to real-world problems.
- **Recognise us as partners** in decision-making and in building a more resilient, sustainable Commonwealth.



See youth innovation in action

Scan to discover the ideas, innovators and research driving a more resilient future.

www.col.org/youthrobotics

