« Et si tu prenais les commandes? » — Classroom Workshop Guide

Bilingual EN / FR Outreach · Inspired by Dartmouth Maritime IB Colloquium

Facilitator overview for Rooted Carbon's interactive bilingual workshop exploring remote sensing, transparent AI uncertainty, and local forest stewardship.

Workshop Objectives

- Demystify how everyday optical cameras and ecological modeling turn photographs into measurable environmental baselines.
- Teach students to critically interpret confidence intervals, lighting effects, and species-specific carbon storage rather than treating AI outputs as black boxes.
- Connect local Atlantic and municipal trees directly to climate resilience, shade cooling, and watershed protection.

Session Format (60–75 Minutes)

- Part 1 (15 min): From Stilesville Day Zero to Gen-4—how local scientific curiosity became a bilingual ecological measurement platform.
- Part 2 (25 min): Live guided outdoor or courtyard scanning session using rootedcarbon.com/calculator.
- Part 3 (20 min): Group discussion on canopy stewardship, open data ownership, and student-led municipal tree inventories.

Booking & Educator Inquiries

- Delivered in French, English, or bilingual format for secondary schools, IB cohorts, science fairs, and youth climate summits.
- Contact our education desk: education@rootedcarbon.com

© 2026 Rooted Carbon · Dieppe, New Brunswick