



JAMIN 1st Visit 2024

(Discovery Bay Marine Lab & Living Oceans Foundation Partnership)

JAMAICA
Q3 2024

What is J.A.M.I.N. program?

Jamaican Awareness of Mangroves in Nature (J.A.M.I.N.) program is an immersive, experiential education program that engages high school students and teachers to learn about, restore, and monitor mangroves. The program utilizes proven educational methodologies such as project-based learning, which allows students to explore real-world problems and acquire deeper knowledge over extended periods of time; and place-based learning, taking students out of their traditional classroom setting and into their local mangroves.

Why We Did It

Our goal was to continue our meaningful partnership with DBML and kick-start one with KSLOF, which are organizations with proven expertise in scientific research, environmental education and outreach. The goal of the J.A.M.I.N. program is to provide a unique outdoor environmental education experience that not only creates ocean and environmentally literate individuals, but it also fosters awareness and concern about the mangrove ecosystem and its associated problems. By offering time, resources, and skills, we aim to enhance J.A.M.I.N's impact.

Participating Locations

1. *Hyatt Ziva & Zilara*
2. *Jewel Grande*
3. *Hilton Rose Hall*
4. *Jewel Paradise Cove*
5. *Jamaica Regional Offices*

How was it Carried Out

- *On October 9th, 2024, PHR supported the J.A.M.I.N. program's first visit by providing in-kind support and volunteers, enabling students from William Knibb Memorial High School to participate in hands-on environmental education at the UWI Discovery Bay Marine Lab. The day included educational sessions on mangroves, a field trip to explore mangrove habitats, and a planting activity as part of a restoration effort.*
- *The students departed with the tasks of monitoring the growth of their seedlings over the coming months to test their hypothesis on which substrate—sand, mud, or pebbles—best supports mangrove growth. This visit was the first of three planned under the program, contributing to our partnership in fostering environmental education in Jamaica.*

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Our In-Kind Support

Cost for Phase 1				
Item	Quantity	Cost per Unit (USD)	Budgeted Cost (USD)	Real Cost
Flight Ticket for Teacher	1	\$ 750.00	\$ 750.00	\$ 976.32
Fuel for vehicle	1	\$ 258.06	\$ 258.06	\$ 25.36
Rental Car for 1 week per phase	1	\$ 741.94	\$ 741.94	\$ 400.00
45 seat Bus Transport for Students	1	\$ 700.00	\$ 700.00	\$ 450.00
Plant flats (seedling trays)	3	\$ 6.45	\$ 19.35	\$ -
Clear plastic containers	3	\$ 14.84	\$ 44.52	\$ 70.65
Paint pen	1	\$ 2.00	\$ 2.00	\$ 1.27
Yarn	1	\$ 2.58	\$ 2.58	\$ 10.75
Student Workbooks	50	\$ 2.36	\$ 117.90	\$ 339.17
Laminated Mangrove Leaves	1	\$ 3.23	\$ 3.23	\$ -
J.A.M.I.N. Teachers Guide	1	\$ 12.90	\$ 12.90	\$ 15.85

Year	Budget Phase	Budgeted Cost (USD)	Real Cost
Sept/Oct 2024	#1	\$ 2,652.48	\$ 2,289.36

Cost Per Resort

Budget Allocation Phase 1			
Resort	Rooms	CPR	Total
HZZ	621	\$ 1.47	\$912.51
HRH	495	\$ 1.47	\$727.36
JGM	217	\$ 1.47	\$318.86
JPC	225	\$ 1.47	\$330.62
Total	1558	\$ 1.47	\$ 2,289.36

Year	Budget Phase	Budgeted Cost (USD)	Real Cost
Sept/Oct 2024	#1	\$ 2,652.48	\$ 2,289.36

Impact of Our Support

- *Thanks to PHR's sponsorship, the J.A.M.I.N. program's first visit on October 9th was a success, enabling 45 students from William Knibb Memorial High School to participate in an immersive environmental education experience at the UWI Discovery Bay Marine Lab. The event included educational activities, field trips, and mangrove planting sessions, facilitated by DBML staff and Playa volunteers. This collaboration ensured that these students could benefit from hands-on learning about mangrove ecosystems, furthering their understanding of coastal conservation and environmental stewardship.*

Thank you to everyone
that participated in
making this a
successful event!



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