“No Limits to Hope: Transforming Learning for Better Futures”

It is imperative that education provides a transformative platform that nurtures and inspires youth to grow into leaders and advocates who apply innovation in the realm of sustainability and climate science literacy to advancements in all aspects of life, including food, medicine, commerce, education, transportation, AI, media, construction, sports, entertainment, government, etc. Planet Green Force (PGF), a registered 501 (c)(3) not for profit organization, was created with just this concept in mind.

With the issue of climate change top of mind, PGF, in collaboration with the United Nations Educational, Scientific and Cultural Organization (UNESCO), is a league for youth PreK-12 with the aim to educate, ignite passion, build awareness and mount meaningful change in eradicating hunger, battling global warming and embracing green initiatives. Planet Green Force incorporates aspects of UNESCO’s Climate Science Literacy and Greening Education Partnership while embracing the UN’s 17 Sustainable Development Goals (SDG).

Ananda College, the largest public school in Colombo, Sri Lanka, with 7,000 students, has made history as the very first Planet Green Force chapter. Additionally a pilot is being launched in collaboration with the U.S. Virgin Islands Department of Education, with future expansion planned globally.

Planet Green Force envisions a future where there are “no limits to hope,” and supports transformative education for all. Key elements of PGF include:

- **Transformational education**: Following are some activities/programs that not only engage students in an experiential way (educate, entertain, excitement, escapism), but also provide a platform for HOPE with unlimited potential. Writing essays, debating, case-related activism, songs, artwork, drama, laboratory testing, hands-on activities, etc. are all part of transforming learning for better futures.

- **Experiential learning**: age-appropriate environmental and agricultural concepts in core curriculum, coupled with engaging hands-on activities, outdoor learning &

project work. Adoption of UN's Sustainable Development Goals (SDGs) and Climate Science Literacy, including the translation of UNESCO's educational posters into the local language.

- **An Example SDG #2 (No Hunger)**: through an innovative "Seeds of Security" program that addresses the importance of food security by having students grow their own container gardens at home as well as aquaponics, greenhouses, etc. at school. "Seeds of Security" is circular and self-sustaining, teaching waste reduction and composting while combating hunger and encouraging good nutrition/healthy eating. It not only provides a valuable learning platform tied to mathematical and scientific results, but also real-world food production, allowing kids to eat, share and sell what they grow. Students share what they learn with families, fellow students and the community.

- Additional focus areas include a Mangrove Restoration Program, "Rethink, Reduce, Reuse, Recycle" Program, Alternative to Single-Use Plastics, Renewable Energy Program, etc.

- **Green Word of the Day**: incorporation of age-appropriate environmental vocabulary whereby students are taught a new environmental word/phrase with definition, invited to use it in a sentence and encouraged to find ways to incorporate the concept into their lives.

- **Field trips** including local farms to experience authentic, traditional farming; beaches and mangroves to understand biodiversity, plant and for clean-ups, and environmental sites such Sinharaja Rainforest in Sri Lanka. Additionally, **guest speakers** bring experiences directly to students at school.

- **Green Advocacy**: Youth are encouraged & rewarded for spreading what they learn and advocating for sustainability in their community.

- Introduction of **"AI for Good"** technology and the importance of artificial intelligence advancements to sustainability goals.

- **School and regional competitions/prizes**, with the possibility in the future of best entries presented at international forums such as World Economic Forum, UN General Assembly, COP, etc. Competitions include essays, debate, scientific innovation, visual art, dance, singing, theatrical presentations, etc., centered on sustainability themes. The second annual interscholastic PGF International Day of Greening Education will take place in January 2026, bringing hundreds of students from area schools to compete together.

- New two-story **PGF Center Living Laboratory** at Ananda College, an innovative eco-learning, teaching and research hub to open in 2026:
    - Embraces former UNESCO Green Academies' pillars of water security, waste management, clean energy, and biomass production. Incorporates latest sustainable construction including cradle-to-cradle/recycled materials, solar energy, rainwater harvesting
    - Green house, hydroponics, aquaponics, aeroponics, composting methods, testing & research on ecosystems/food science, test kitchen. LED screens showcase UN SDGs, Climate Science Literacy
    - Experiential hands-on learning embodies the tenets of PGF for Ananda College students as well as students from other local schools

- **Promote teamwork**, collaboration and a sense of fun.

- **PGF Master Plan** and steering committee; teacher "train the trainer" sessions

The objective is for PGF students to become the next generation of dedicated green ambassadors, who will not only dream of a greener world but who will, in reality, innovate and lead with NO LIMITS TO HOPE. They will advocate for responsible environmental policies and practices in their own communities and globally. Ultimately the mission is to have PGF in every community, ensuring eco-minded, environmental LEADERS around the world. In this way, PGF truly offers: "No Limits to Hope: Transforming Learning for Better Futures."