

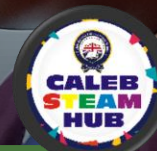
# Eco-friendly Reading Lamp

What actions can the young ones take to conserve energy and promote healthy environment?



Caleb British International School, Lagos, Nigeria || <https://linktr.ee/calebsteamhub>

Coordinated by Olusegun Adeniyi

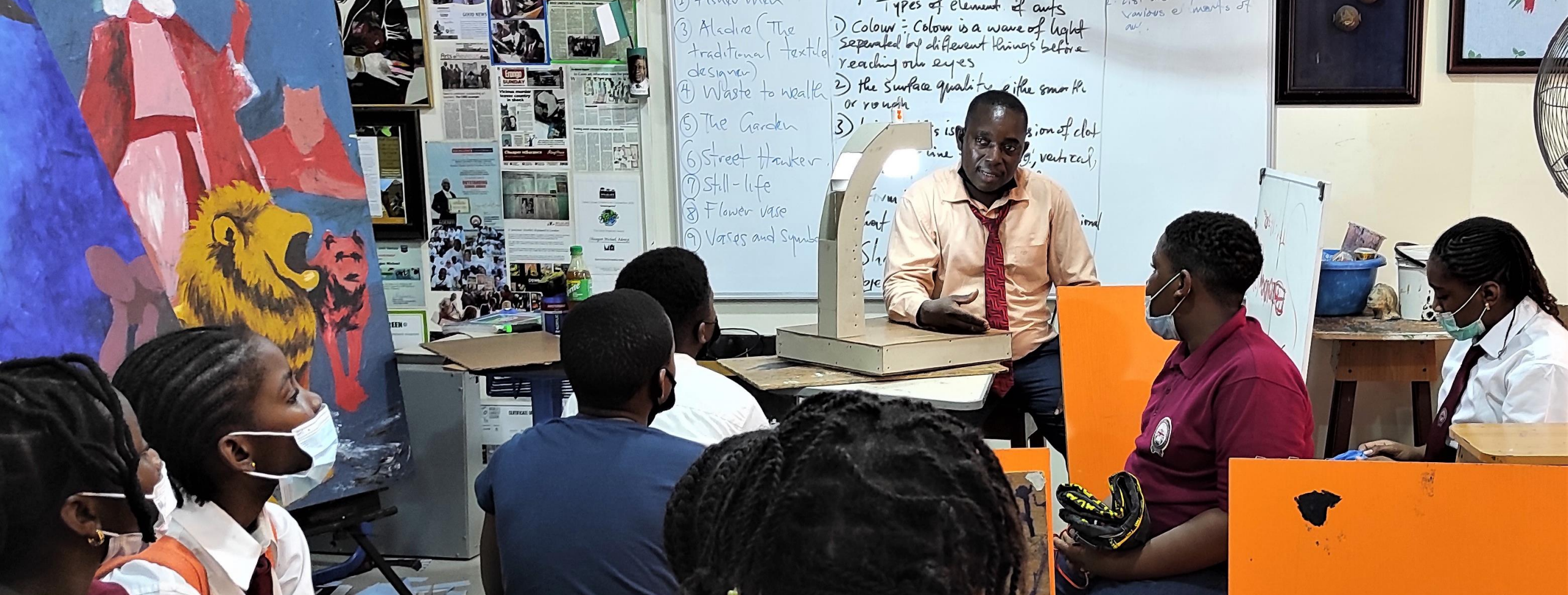


4 QUALITY EDUCATION



13 CLIMATE ACTION





**Olamide O., Moyosife A., Daniella A., Joy A., Hadasa K., Grace A., Larne O., Ibrahim A., Imah O., Olusegun A., and other Caleb STEAM Hub members.**

**Team Members**





## **Project Summary (Engage, Investigate, and Action):**

Poor electricity supply has been a lingering issue in many parts of Nigeria, leaving citizens to source their own supply. Many residents also pay huge electricity bills, an amount not proportionate to the power supply they receive. Nigeria is the largest economy in Africa, yet has not been able to generate a power supply sufficient for its over 200 million population.

Despite the huge potentials to generate power in Nigeria with a capacity of 12,522 megawatts (MW), the country has not been able to generate enough power for its million households. Majority of Nigerians now pay excessively for darkness as they experience power outage for an average of 20 hours daily, while their estimated billing has continued to increase astronomically, unabated. This has impacted negatively on the socio-economic development of the country and rendered many growing minds helpless at night to read their books.

At STEAM Club, we have created Eco-friendly Reading Lamp to help growing minds in low-income community to cultivate the habit, manners to read in the darkness depth of the night. The Eco-friendly Reading Lamp is a solution to poor electricity power supply to encourage intellectual exploration and academic success. It is versatile, could be placed on the lap, on a table, and easy to move around without the worries of connecting to any source of power. Moreover, it conserves energy, reduces greenhouse gas emissions and promotes healthy environment.

Our intent is to make more of this Eco-friendly Reading Lamp and to collaborate with more like minded organization to help growing minds in rural and low-income communities to be able to study at night.



## MATERIALS

- Discarded banners
- Light planks and discarded plywoods
- Compact Fluorescent Lamp (CFL)
- Nails
- Adhesive
- Spray paints
- Acrylic paint
- Discarded cardboards



*Making of the Eco-friendly Reading Lamp*





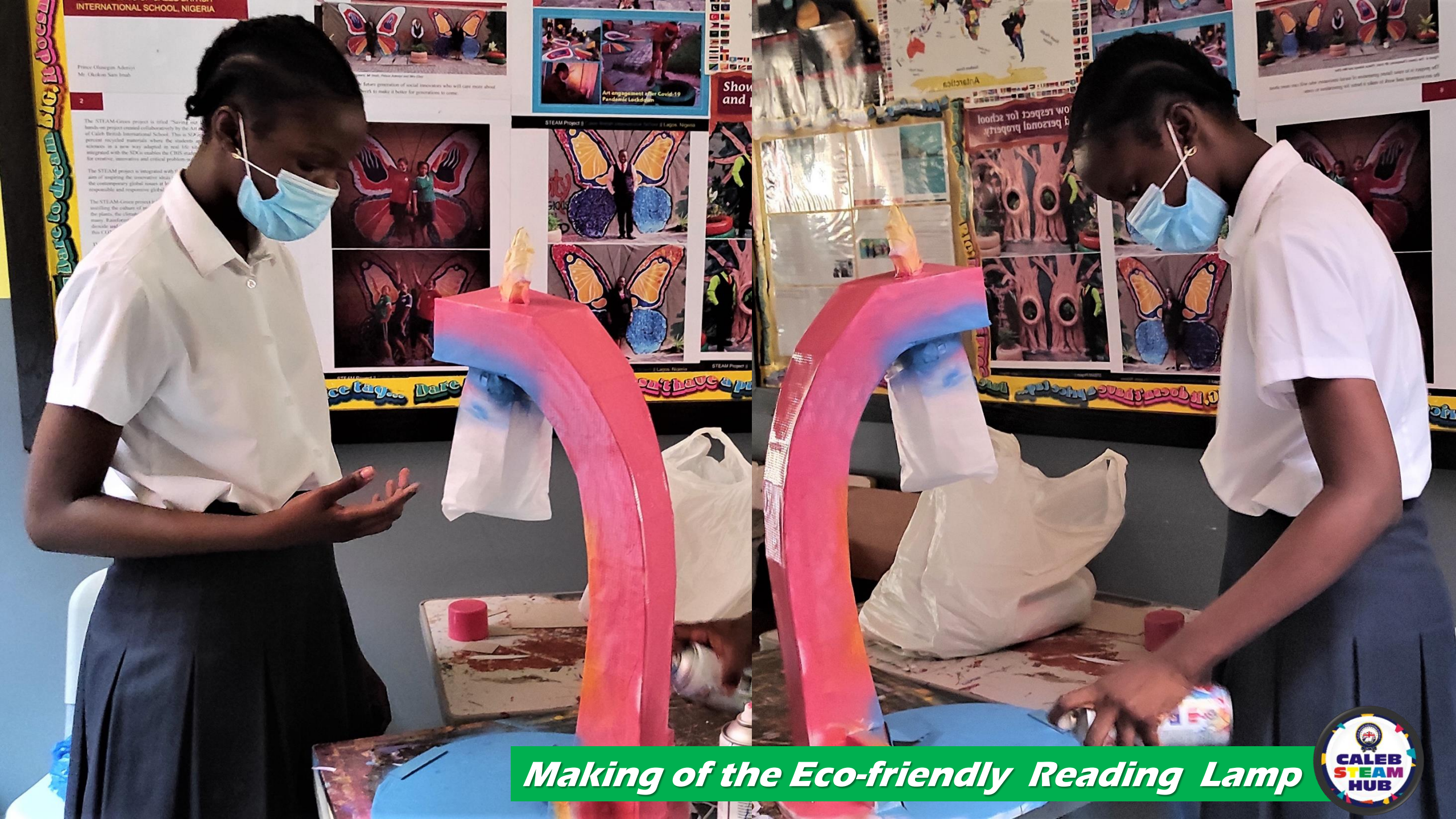
*Making of the Eco-friendly Reading Lamp*





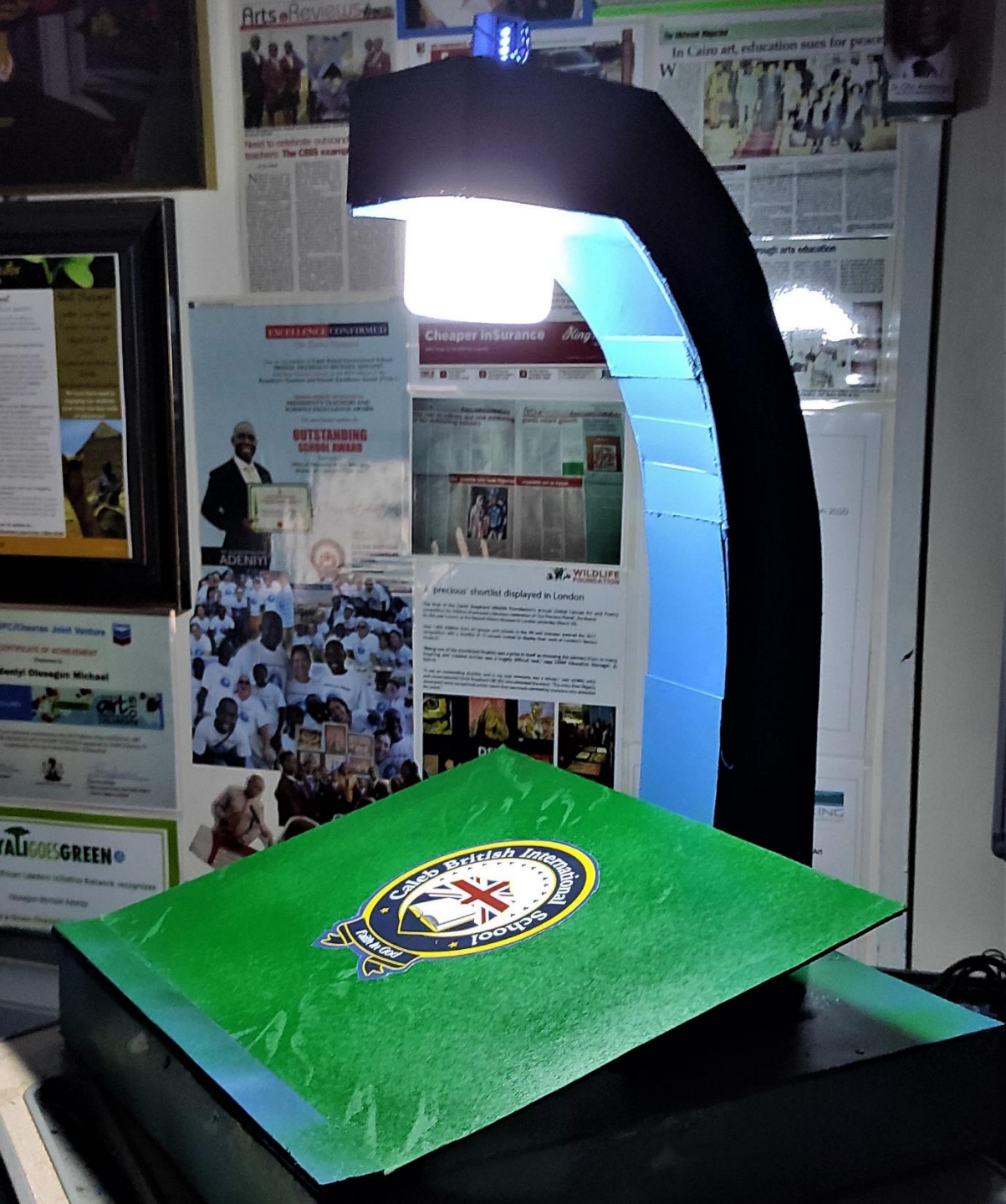
***Making of the Eco-friendly Reading Lamp***





**Making of the Eco-friendly Reading Lamp**





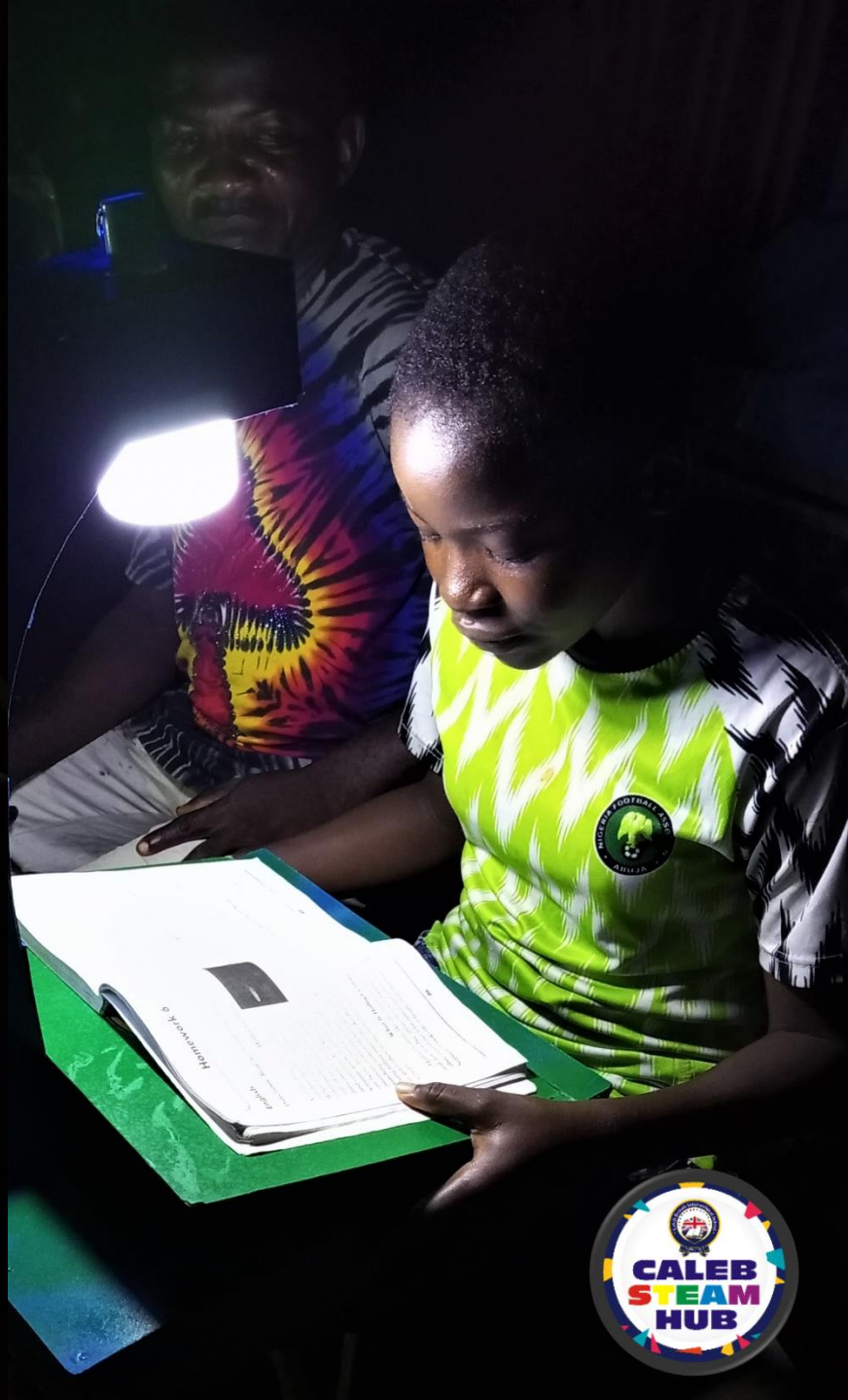
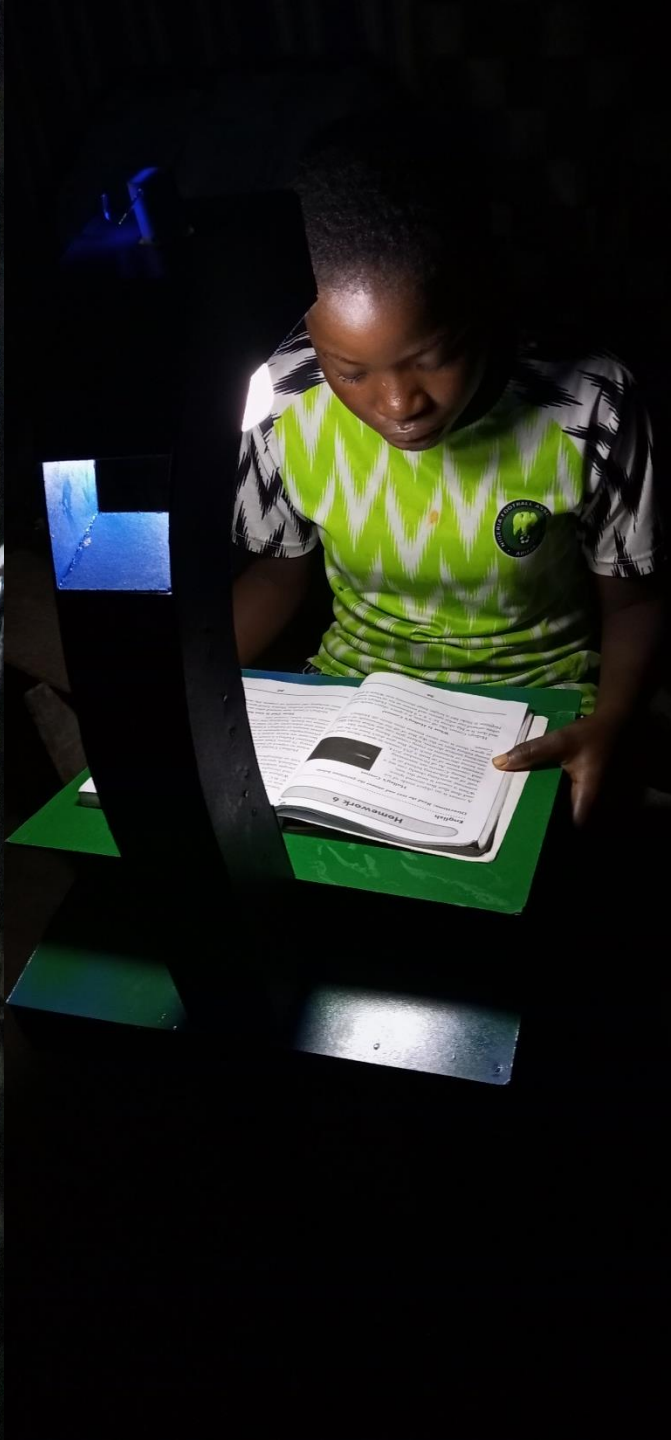






Eco friendly reading lamp designed by learners and delivered to a school girl in Abijo Community in commemoration of the International Day of the Girl Child on 11<sup>th</sup> October, 2021.

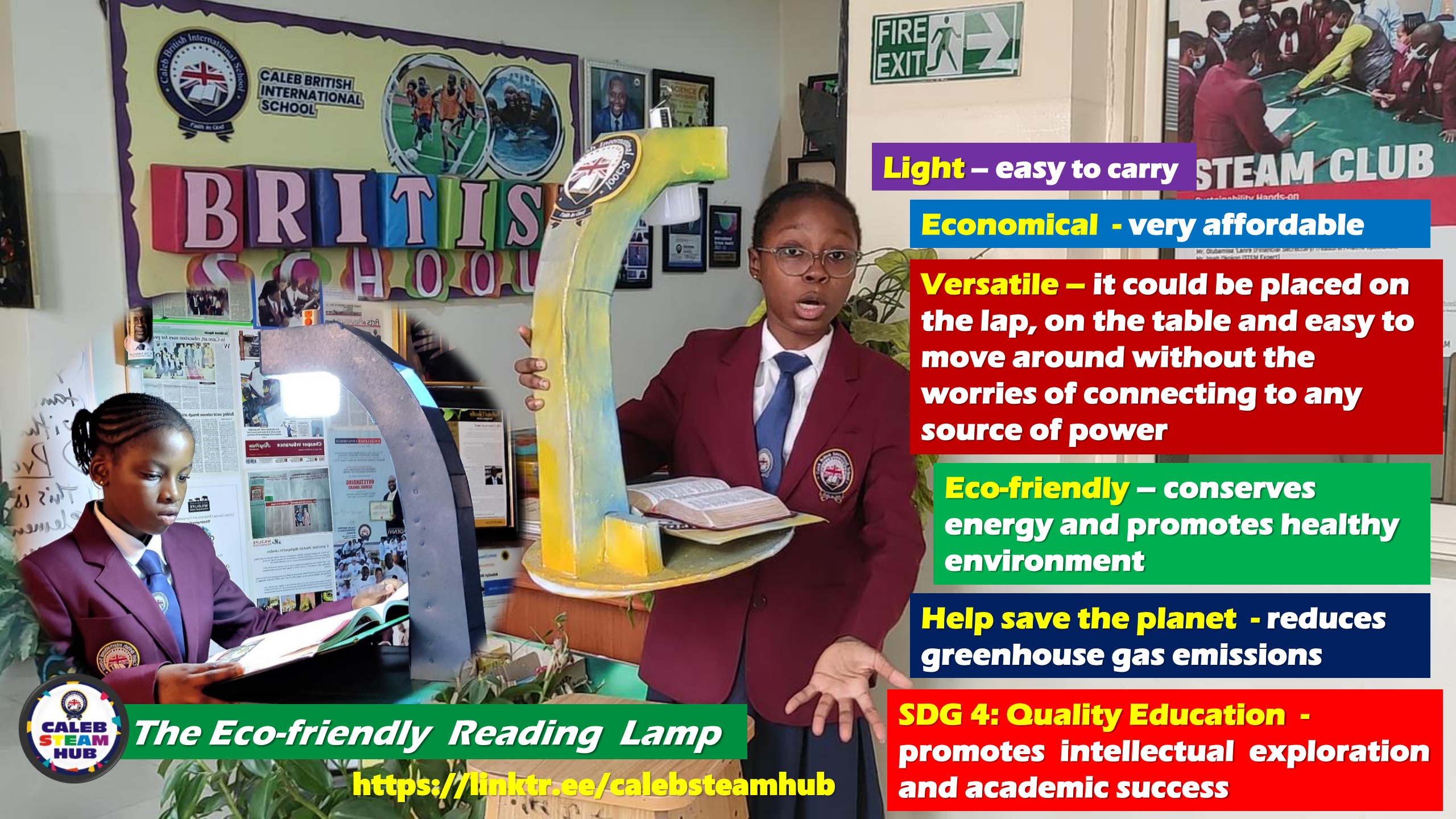






*The Eco-friendly Reading Lamp*





**Light** – easy to carry

**Economical** - very affordable

**Versatile** – it could be placed on the lap, on the table and easy to move around without the worries of connecting to any source of power

**Eco-friendly** – conserves energy and promotes healthy environment

**Help save the planet** - reduces greenhouse gas emissions

**SDG 4: Quality Education** - promotes intellectual exploration and academic success



**The Eco-friendly Reading Lamp**

<https://linktr.ee/calebsteamhub>



***Our intent is to make more of this Eco-friendly Reading Lamp and to collaborate with more like minded organization to help growing minds in rural and low-income communities to be able to study at night.***

**<https://linktr.ee/calebsteamhub>**