

## **1. PROJECT TITLE : IDENTIFYING THE BOTANY OF KAMONKOLI COLLEGE AND ITS VALUES**

### **2. OBJECTIVES:**

- To create environmental awareness and enhance environmental protection
- To improve research skills and discovery
- To create awareness about the scientific names and medicinal values of plant species in Kamonkoli college

## **PROJECT ORGANISATION**

### **i) Planning:**

This project is to run for approximately one month commencing on 15<sup>th</sup> September 2022 to 1<sup>st</sup> October. We intend to cluster our S2 class of 100 students into 10 small groups of 10 members. Each group shall be assigned a task in relation to the different items the project is seeking to show case at the end of the cycle.

In each group, we intend to have a chairperson, a secretary, coordinator and designer. We have come up with a small budget of 300.000/= for printing sign posts and internet usage.

### **ii) Justification of the project:**

Many students and entire community of Kamonkoli College including visitors do not know names and medicinal values of plants around Kamonkoli College. It is upon this background that as S2 class 2022 has come up with an idea of identifying the major botanical species of plants around the school with their English names, scientific names, local names and medicinal value of each plant species.

We believe that this will enable visitors and other students to get accurate and adequate information about plants and this will enable them to conserve the environment and plant more trees.

### **iii) Resources:**

- Manila papers
- Access to internet
- Metallic sheets, paint of different colours and brushes

### **iv) Project implementation methodology:**

We intend to gather information about local names of each tree through interviewing various people, we will use the local names to generate the English and scientific names. We will research about the value (medicinal) and other values of each plant in the environment. We

hope to design a metallic poster for each plant so that information is readily available to visitors and students about plants.

Precise information about the classification of the plants is to be provided.

Each group is expected to come up with a mini report for the general project

We shall be meeting our teacher twice a week for guidance and constructive support where necessary.

## **PROJECT REPORT**

### **S2A PROJECT REPORT ON IDENTIFYING THE BOTANY OF KAMONKOLI COLLEGE SUBMITTED ON 15<sup>TH</sup> OCTOBER 2022 TO THE BIOLOGY DEPARTMENT OF KAMONKOLI COLLEGE**

**RATIONALE:** The project was designed to cover up the knowledge gap about medicinal uses and other plant values (trees) in Kamonkoli College

As S2A students, we are stimulated to find out the scientific names and values of plants around Kamonkoli College.

#### **Implementation**

Our stream of S2A of 50 students was divided into five groups each containing 10 members.

each group was to identify three different plant species using the local name, English name, and scientific name. in our group, was assigned a jackfruit tree near the canteen, bottle brush tree near the girls dormitory and the kabakanjagala tree behind the staffroom.

We searched for the local name of bottle brush plant (**Mwambala Butonya**) by consulting the compound cleaners. We consulted the biology teachers to identify the English name for **kabaka anjagala**(royal mile)

We used the local names and English names of the plants to search for their scientific names and values.

Bottle brush is a very important medicinal plant that has been proven by locals as an antifungal and antibacterial drug' used to treat cough and flu.

Information about each tree was then printed on wooden posters so that every person who visits Kamonkoli college can be motivated to appreciate the use of the different plant species and know the need to conserve these trees and even plant more trees

## Challenges

During this project, our group encountered many challenges as below

- Limited access to internet. The computer lab was always busy, many teachers could not allow to assist us with their phones, thanks to **Mr Mugero paul** and **Mr Galyana** who would allow us to use their phones to access internet
- Insufficient resources, the timber we had planned to use for printing the poster and the paint were not enough. This was a challenge not only to our group but also other classes. Our group improvised by printing one of the posters on a metallic board. We also collected some money 1000sh each member to buy more paint to complete our project
- The school library lacked information about the scientific names of some trees

## Recommendation

I recommend this project to our school and the entire community for it helps to provide information about the importance of the various plant species, their identity using English and scientific names since every region have its own local name for similar plants.

This knowledge will also help students to participate in conserving of useful tree species like the bottle brush plant.