Learning By Doing

4-K Clubs Newsletter

Issue 8, August 2023

HILL PRIMARY SCHOOL, KITALE HOSTS FIELD DAY

In this Issue:

Assessment of 4-KCLUBPAS 2023 Begins

Highlights from well performing 4-K Clubs

The month of August in Pictures

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VOTED Superbrands EAST AFRICA'S CHOICE 2022-2024

Jambo! Welcome to August 2023 edition of our monthly newsletter. In this month we bring you highlights from two 4-K Clubs and their successes. The Patrons competed for the August Champion award. We also feature activities of 4-K Clubs from across the country in our pictorial section. The highlight of the month of August is the start of the final round of assessment of the 4-KCLUBPAS 2023. Lookout for the correct way to fill individual membership cards for 4-K Club members. It's their identity card. Happy reading!

Charles Lusweti, Editor

Editorial Team

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4-K Clubs Programme

Learning By Doing

About 4-K Clubs

What is a 4-K Club?

4-K Clubs are groups of learners in Primary and Junior Secondary Schools brought together to learn and practice agriculture while having fun and becoming responsible members of the society. The four "K"s stand for "Kuungana, Kufanya, Kusaidia Kenya," which translates to "Uniting, Doing and Helping Kenya" in Swahili.

Why 4-K Clubs?

The 4-K Clubs Programme aims to change learners mindset towards agriculture. This can be achieved through inculcating the practice of agriculture and agribusiness in children from a young age to enhance food and nutrition security. 4-K Clubs also help to develop leadership and good citizenship among the youth.

4-K Clubs Thematic Areas

- Agricultural projects
- Agri-nutrition
- Environmental Conservation
- Science, Technology, Engineering and Mathematics (STEM)
- Civic Engagement and Citizenship

The thematic areas are delivered using the Positive Youth Development (PYD) model.

How to Start a 4-K Club

Schools that are ready to establish 4-K Clubs are encouraged to designate Patrons who will guide learners in forming the clubs. Patrons can get relevant advice from the programme manuals, website as well as programme ToTs. With the guidance of the Patron, the 4-K Club members should initiate projects and associated club activities. After the club is formed the patron should register the 4-K Club through the provided registration link. Registration ensures that the 4-K Clubs Programme will actively support implementation of 4-K Clubs in schools.

To register, scan the QR Code

Contacts

Email: info@4-kclubs.go.ke

Website: www.4-kclubs.go.ke

Dear Editor

4-K Clubs Influencing Youth Exposure

Patron Agatah, CCM Ndune FFS 4-K Club

The theme for International Youth Day 2023 is "Green Skills for Youth: Towards a Sustainable World." The theme of green skills highlights the importance of equipping young people with the skills they need to contribute to a sustainable future. I had shared my recognition as 4-K Clubs Championship recognition for July 2023 in Social Media. Since Environment Conservation is one of the Thematic areas of 4-K Clubs, I was invited to give a speech during the Youth Day Ceremony, at Mwea National Reserve. By good luck, the Mwea National Reserve was celebrating the Elephant Day. I took time to expound on Green Skills and how everyone is supposed to be on board to protect mother nature; unless you know how to benefit from it you may never bother to. Our community travels miles away to see elephants yet they are housed in our community! At Makima Ward, we are in the neighbourhood of the Reserve! I challenged our MCA and the Warden to empower the community to visit the facility and get to understand why we need to preserve it and learn about the wildlife hosted there. The MCA sponsored 92 youths from all the corners of Makima Ward, I led the youths and children. We will soon be forwarding our findings and recommendations.

Dear Editor

Congratulations to 4-K Club June 2023 Champion

I write to congratulate Mr. Kariuki on his recognition as the 4-K Clubs Champion of the month of August 2023. On that note I am happy to inform you that Buchenya 4-K Club members have been nominated to participate in the World Food Day celebrations which will be held on 16th October 2023. The celebrations will be held here in Kakamega County at Bukura Agricultural Training Centre. We have been given a space 10m by 10m to do our project for exhibition. We will not let you down. H.E. the President will be the Chief Guest and we look forward to seeing him.

Tr. Bilha, Patron Buchenya 4-K Club, Kakamega County

Kiplokyi Slopes Academy 4-K Club, Bomet County. One of the clubs with the youngest members proudly display their harvest

Kalyet 4-K Club in Nandi County working at their farm following the recent rains

How to fill in 4-K Club Membership Cards

All registered 4-K Club members will be issued with membership cards upon successful online registration of their club by the 4-K Club patron. A pdf certificate is sent to the patrons email address. The patron should then use the information in the certificate to fill the 4-K Club members individual cards.

A sample membership card is as shown below:

4-K CLUB MEMBERSHIP CARD

This is to certify that

A. N. Other

is a member of

Mshindi

4-K Club

Member No. 23/456/2023

Mwalimu W. Kilimo

Patron

4-K Clubs Programme Coordinator

4-K Clubs PC

Issued by 4-K Clubs Programme Ministry of Agriculture and Livestock Development

In Partnership with ELGON KENYA

SAMPLE

The membership card contains the following details:

1. Certification of membership, Patron to enter name of 4-K Club member
2. Name of 4-K Club as per the club's certificate
3. Member number, Patron to give a member number e.g. **1/271/2023** (member number, number of 4-K Club and current year)
4. Name of Patron and signature
5. Name/Signature of PC to be pre-printed in all cards
6. Backside of card to be stamped with the school's official rubber stamp

Number of Cards per Club

Membership cards will be issued periodically to the members according to the number of members indicated during the registration of the club.

Record of Issued Cards

Upon receipt of cards, the school patron will fill in the necessary details for the individual members and have the back of the card stamped accordingly. The patron will then fill the provided register and take a snapshot or scan the form and send it to the 4-K Club via info@4-kclubs.go.ke or 4kclubske@gmail.com or via whatsapp.

Replacement of Lost or Additional Membership Cards

In the event that a member loses his/her membership card, the patron will request for extra cards and issue a replacement card using the details already entered in the duplicate sheet. In case additional members have joined the club and the patron wishes to issue new cards, they will also request for additional cards and issue them appropriately.

4-K CLUB MEMBERSHIP CARD REGISTER

County _____ **Sub County** _____ **Ward** _____

Name of School _____

Name of 4-K Club _____

Name of Patron _____ **Date** _____ **Signed** _____

Head Teacher _____ **Date** _____ **Signed** _____

School Stamp

No.	Name of Member	Member No.	Gender	Grade/Class

Achievements of Mkwachunyi Primary School 4-K Club

By Mr. James Kariuki, Patron. The school is based in a dry area of Taita Taveta County.

No.	Achievement	Photo Evidence
1	**Involving Parents** We have a project with about 16 parents doing Innovative gardening at home	
2	**Collaboration** We have collaborated with stakeholders to achieve our objective: • Approached an engineer from KPA and has been providing us with free water • Approached our Deputy Governor to secure our farm. She sent Ksh. 7,000. We bought 3 rolls of chainlink • Invited Subcounty agricultural officers and offered their support, they visit often to check our progress	
3	**Fed the school** On fighting malnutrition, we have fed the whole school with vegetables for 3 days a week and an extra day for 4-K Club members	
4	**Rewarding committed members** More than three quarters of our members have taken vegetables home as reward, we also give some to our cooks	

No.	Achievement	Photo Evidence
5	**Environmental conservation** We have collected old tyres and containers and used them for farming and planting trees	
6	**Learning centre for the community** Mkwachunyi project has attracted many. Some ask for guidance on growing vegetables. We are role models!	
7	**Skills for Food and Nutrition Security** Instilled farming skills and positive attitude towards farming to eradicate hunger	
8	**Seedling distribution** We have a nursery bed ready to engage more members of the community to start kitchen gardens at home	

Achievements of Jamvi La Wageni 4-K Club

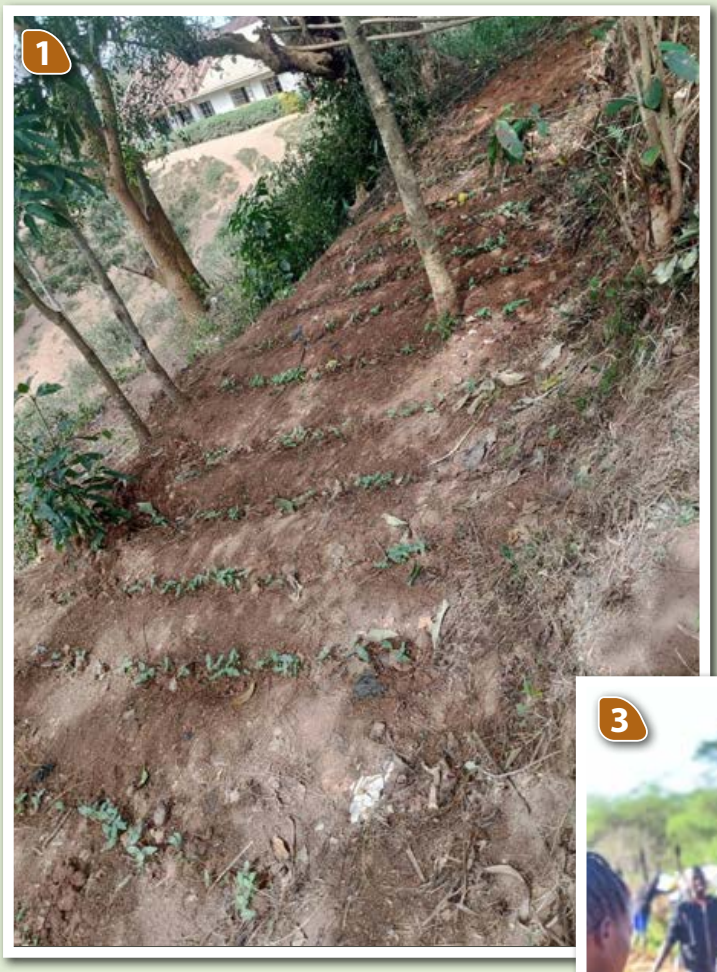
as shared by Madam Catherine Mugambi, their Patron. The school is based in Likoni Subcounty, Mombasa County.

No.	Achievement	Photo Evidence
1.	**Participation in cultural activities** Jamvi La Wageni 4-K Club members performing at Likoni Sub county during Mombasa International show auditions	
2.	**Consultation among members** 4-K Club members in a strategy meeting at school. For 4-K Club members to qualify to entertain guests at Mombasa International show, the Patron engaged many leaders in the county	
3.	**School projects** 4-K Club members busy finalizing term 2 in style. They ensured their crop projects are well weeded to survive the short holiday	
4.	**Members participation** Jamvi La Wageni 4-K Club members preparing the land for planting	

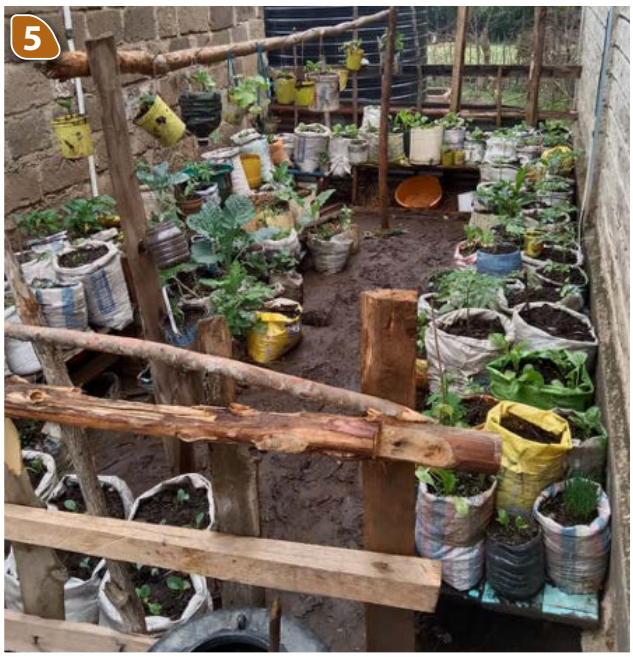
No.	Achievement	Photo Evidence
5.	**Vegetable production** Mkunde (Cowpeas) vegetables at Jamvi La Wageni Primary School	
6.	**Utilizing all available spaces** Groundnuts project at the school, the gardens are in front of the classrooms	
7.	**Small livestock projects** Members and Patron of Jamvi La Wageni 4-K Club pose for a photo at their Chicken structure	
8.	**A winning team** Jamvi La Wageni 4-K Club flanked by their patron	

No.	Achievement	Photo Evidence
9.	**Involving parents in 4-K Clubs** Parents of the 4-K Club members attend a meeting at the school. It was on creating awareness of the club and it's importance in the school and the society	

PICTORIAL



1. *One week old Cowpeas doing fine at Wusi Primary,Taita Taveta Countyy*
2. *Tomato Plot at Sukari Presbyterian Academy, Kahawa Sukari, Kiambu County*
3. *Naning'oi Agribusiness 4-K Club girls working in the garden, Kajiado County*



4. *Kiunga Primary School 4-K Club, Lamu County. Members have invented automatic feeders for their chicks. We will be enjoying our holidays while being sure that our chicks are feeding with minimal supervision*
5. *Container gardening at Ushindi 4-K Club, Saruchat Primary School, Bomet County*
6. *Patron Agatah takes learners on a Tour at Mwea National Reserve on Youths International Day, courtesy of the area MCA, Embu County*
7. *Buchenya Primary School have started the preparations of their plot in readiness for World Food Day 2023 celebrations*

8. Chicken and sweet potato projects at Makima Primary School 4-K Club, Embu County
9. Proud members of Machakos Primary School 4-K Club display their 4th harvest from cone garden
10. Sanandiki FYM 4-K Club ready to sell kales after harvesting
11. Vice Patron Jamvi La Wageni 4-K Club, Mombasa County, Mr. Leo celebrating with the members after harvesting and selling vegetables

12. Lungalunga Primary School 4-K Clubs Green grams at flowering stage, Kwale County
13. Marshal 4-K Club members at work. Edelvale Primary School, Embakasi, Nairobi
14. Mazeras Maua 4-K Club has really changed the look of Mazeras Primary School, Kwale

15. Spinach growing in Ghazi Primary School 4-K Club, Taita Taveta

16. Ikuvu primary school 4-K Club rabbits in their hutch, Kakamega County

County Government of Trans-Nzoia Holds a Field Day at Hill Primary School, Kitale

By Teacher Isaac Werunga, 4-K Club Patron, Kiminini Subcounty

Introduction

The Government of Kenya has reintroduced agriculture back into the school curriculum. On 4th June 2021, the 4-K Clubs Programme was rebranded. This programme is aligned to the Government's goal of enhancing agriculture practice in learners for attainment of food and nutrition security.

The 4-K Clubs majorly deals with changing the mindset of learners to like agriculture through 5 thematic areas of Agricultural projects; Agri-nutrition; Environmental conservation; Science, Technology, Engineering and Mathematics; and Civic engagement and citizenship.

The County Government of Trans Nzoia in collaboration with stakeholders organized a big field day on 9 August 2023 at Hill Primary School in Kiminini Subcounty, Kitale . It was an honour to the school led by the Headteacher, Madam Nancy Butaki to host this event. Among the stakeholders was Agriscience Company that was represented by Messrs Nelson Ndanyi and Alvin Mudeshi. The County Department for Agriculture was led by Mr. Simon Mwombe, the County Director of Agriculture. Private sector players also took part in the field day where more than 200 farmers attended. During the field day, the participants visited on-farm demonstration trials which consisted of crops planted by the 4-K Club Members of Hill Primary School. T hey were impressed by the work done as well as discovering the production potential of the land in this region. The demo farm comprised plots of maize, cabbage, kales, onions, black nightshade, tomatoes, beans, Irish and sweet potatoes, pumpkins, arrowroots, garden peas and cypress tree nursery.

Purpose

The purpose of the field day was to bring together farmers and stakeholders in Trans Nzoia County to learn about the latest technologies in agriculture and share best practice experiences in agriculture. This was intended to stimulate market-led production inspired by quality produce. Other objectives included exposing and linking farmers to financing opportunities as well as to sensitize farmers on group formation, governance and compliance.

Field day programme

The field day's programme began with registration of farmers and visitors. The participants were then led on a tour of the demo farm. The tour was conducted with guidance from Mr. Ndanyi and Ms. Diana from Corteva Agriscience Company. A new seed maize variety was showcased. It was explained that the Pannar 691 (PAN 691) seed maize is capable of producing optimally under normal conditions. The participants had the opportunity to ask questions whenever they required more clarification. They also learnt about different types of fertilizers and the soils for which they are suited.

General discussion

At the end of the tour of the demo farm, the participants gathered together for a general discussion to review the outcome of the field day for all who were in attendance. During this time, the participants gave their suggestions on technologies to be adopted in future. They also received feedback on the questions for which they sought clarification. The Department for Agriculture appreciated the participatory approach by all those who attended the field day. They assured farmers that all stakeholders will continue working with the new technologies, share their results in a timely manner and also consider prioritizing the farmers problems.

All farmers were happy with the work done by Corteva Seed Company. Farmers and others gave words of thanks after the company gave everyone a present. It was a sample of their maize seed.

Way Forward

Finally, the Sub County Director of Agriculture Ms. Maria Nzomo, indicated the future direction of the project activities. Farmers were encouraged on keeping time when attending future field days since the day always involves a lot of activities and it is prudent to start and finish on time. The practical training component of the field was appreciated highly by both farmers and exhibitors. One of the recommendations was to

increase the training sessions to provide more time for interaction between exhibitors and farmers. It was recommended that organizers provide more time for the field day, a full day was proposed.

Involvement of the agricultural officers was appreciated and it was suggested that the number of trainers with diversity in expertise from different departments be increased depending on the expected number of farmers. A request was also made to provide farmers with as many training materials as possible for reference beyond the field day.

Conclusion

Generally, farmers were very excited at the end of the field day. They mentioned that they were especially pleased with the fact that they learnt about new technologies and farming techniques. Farmers requested for more field days so as to reach more farmers.

1. *An exhibitor explains to the farmers how to improve their maize yield*
2. *Mr. Simon Mwombe keenly follows discussions at the field day*
3. *Farmers listen keenly as an officer gives advise at the field day*
4. *Farmers and parents engage with an exhibitor at Hill Primary field day*
5. *Area Chief Gerishom Jerehe welcomes participants to the venue*
6. *Ministry of Agriculture Officers share a light moment as they are welcomed to the venue*

4-KCLUBPAS 2023 ASSESSMENT

The 4-K Clubs Presidential Award Scheme Competition (4-KCLUBPAS) has been running since it was formally launched on 17th February 2023. 4-K Clubs were invited through a call for participation that was shared though posters, website, social media and the 4-K Clubs Newsletter. Upon registration to participate, the 4-K Clubs were duly notified to set aside a special project for the competition and a Timeline of events was shared to enable them make necessary preparations. The judging for the competition will take place between ***30th August*** *and* ***14th September 2023***. May the best club win!

Winning Today for Tomorrow's Food and Nutrition Security!!

MINISTRY OF AGRICULTURE AND LIVESTOCK DEVELOPMENT

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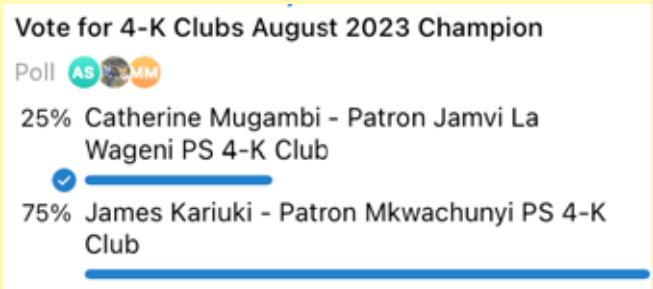
RECOGNITIONS

Champion of the Month

Mr. James Kariuki is our Champion for the month of August 2023. He is the 4-K Club Patron for Mkwachunyi Primary School 4-K Club in Taita Taveta.



QUIZ

Positive Youth Development Model

PYD Model

Z	V	Z	I	A	H	P	X	B	I	W	V	S	Y	Q	Q	V	A	H	G	H	D	P
K	G	P	Z	N	X	Z	Y	Z	G	P	B	G	H	L	K	L	G	X	Z	O	L	K
W	S	Q	G	O	E	Q	G	I	T	J	C	D	P	G	B	P	W	Q	R	U	G	E
W	G	B	M	I	B	L	D	B	L	B	K	B	A	E	O	L	C	X	K	N	Z	C
Y	Z	F	T	T	C	G	G	S	X	U	J	R	C	G	A	C	P	U	V	M	H	N
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Q	M	K	S	I	O	V	C	O	Y	O	C	M	C	X	J	N	N	G	H	H	E	A
F	Z	W	Y	H	C	B	S	N	O	C	E	M	L	J	M	V	C	S	W	Y	U	R
G	B	C	A	K	R	G	Z	X	L	C	X	O	L	N	D	P	B	N	T	Q	X	W

Find the following words in the puzzle.
Words are hidden ↑ ↓ → ← and ↘ .

CONTRIBUTION
COMPETENCE
CONFIDENCE
CONNECTION
CHARACTER
CARING

Last month's answers

Solve the equation to get the answer

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