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**AGRICULTURE PROJECT**  
**Paper 3**  
**Jan. - July 2025**



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**Kenya Certificate of Secondary Education**

**AGRICULTURE PROJECT**

**Paper 3**

**Instructions to Schools**

*Each school presenting candidates for Agriculture (443) in the KCSE examination for the year 2025 will produce adequate copies of this document. One copy of the document will be for the Head teacher and the others for the teacher in charge of Agriculture project hereafter referred to as the Agriculture teacher and the candidates.*

*The Head teacher and the Agriculture teacher should each read the document carefully. Relevant information should then be conveyed to the candidates as soon as possible to enable them to carry out the project in good time.*

*The Agriculture Teacher will mark all candidates' projects.*

*The projects should be accessible to authorised KNEC monitoring agent(s).*

**This paper consists of 5 printed pages.**

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**Turn over**

## 1 GENERAL INSTRUCTIONS

1.1 The School Principal should download the instructions for the 2025 KCSE Agriculture Project and together with the teacher of Agriculture read the instructions to understand the requirements and implementation procedures. Each candidate should also be provided with a copy of these instructions.

1.2 Each school can create a **Private Facebook Group** where candidates will maintain their project portfolios. The Private Facebook Group should be titled **2025 KCSE Agriculture Project Portfolio** followed by the name of the school (e.g. **2025 KCSE Agriculture Project Portfolio – St. John’s High School**). A link to the private group created should be included each time the scores are uploaded. The guidelines for creating the private Facebook Group are attached.

Alternatively, a school can choose other media to maintain the candidates’ portfolios as long as the link to the media containing the portfolios for all the candidates can be shared with KNEC on the Manual Marksheet.

1.3 The 2025 KCSE Agriculture Project will be based on the following sub-themes:

**A. Grafting/budding fruit trees** (*at least 20 fruit trees grafted/budded per group*).

*Select fruit tree(s) species of your choice from the following:*

- *Mango (Mangifera indica),*
- *Avocado (Persea americana),*
- *Citrus Trees (Citrus spp.),*
- *Guava (Psidium guajava),*
- *Pawpaw (Carica papaya),*
- *Apple (Malus domestica).*

**B. Construction and stocking of a beehive** (*one Kenya Top Bar Hive (KTBH) or Langstroth hive per group*).

1.4 **Sub Task 1: Problem and Project Identification:** Individually, each candidate should analyse the school community (within the school and/or around the school) and identify the most pressing problem or issue they can help address using any one of the above projects. Each candidate should prepare a five-minute video recording of his/her own presentation on how the problem or issue was identified, the effect on the community and how the project chosen will address it. The presentation can be video recorded by a peer. The video recording of the presentation should be posted to the candidate’s project album in the Private Facebook Group or media created for maintaining candidates’ portfolios **by the end of February 2025.** (*The video recording can be done using a video recorder, smart phone, or digital camera. The use of these digital devices should be guided or supervised. Digital devices can be borrowed from public primary schools in the neighbourhood.*)

- 1.5 **Sub task 2: Group Discussion and Presentations:** In groups of up to five members, each candidate should present his or her identified problem or issue and the project to address it. The group members should discuss and choose the most pressing problem or issue to be addressed by the project agreed and selected by the group members. The group should then prepare a schedule of activities on how they will implement the project chosen and prepare the materials, tools and equipment required. The presentations and discussion should be video recorded by one of the candidates and when it is his/her turn to present, another candidate should take over and record the video. **(Copies of the video recording of presentations, group discussions, scanned copy of the schedule of activities, and pictures of the materials, tools and equipment required should be posted to each candidate’s project album in the Private Facebook Group or media created for maintaining candidates’ portfolios).**
- 1.6 **Sub task 3: Group project identification.** Each group’s project should be identified by a poster showing the following:
- 1.6.1 Group number,
- 1.6.2 Names of Group members
- 1.6.3 Index Numbers of Group Members.

GROUP NUMBER		
MEMBERS		
No.	Name	Index Number
1.		
2.		
3.		
4.		
5.		

- 1.7 **Sub task 4: Project Implementation.** In their groups, candidates together with the other members of the school community as volunteers, should implement the selected project to address the problem or issue identified. Experts from the community can be invited to train the candidates on the technical aspects of the project chosen. However, these experts should **NOT** undertake the project on behalf of the candidates.
- 1.8 **Sub task 5: Reporting on progress.** Every two weeks, a group member should report the progress made in the project. Each reporting should be done by a different group member. The reporting should be done through a video recording with evidence of progress directly picked and shown from the project activities undertaken. Each group should maintain at least five video recordings as evidence on progress. ***Each group member should maintain copies of these video recordings in his or her album in the Private Facebook Group or media created for maintaining candidates’ portfolios.***

- 1.9 Each individual candidate is required to maintain a collection of evidence of performance on the specified milestones at different stages of project implementation. *The pieces of evidence should be maintained in each candidate's project album in the Private Facebook Group or media created for maintaining candidates' portfolios.*
- 1.10 **Sub task 6: Project Report.** Each group member should then use own observations, books, newspapers, magazines, radio, television, guided internet, opinion of teachers, school administration, school workers, elders and experts in the community to search for information and prepare an individual project report on the project implemented. *The report should be scanned and copy posted in the candidate's album in the Private Facebook Group or media created for maintaining candidates' portfolios.*
- 1.11 The school should provide adequate security for the candidates' project.
- 1.12 The project must be seen and treated as an examination. The scores awarded by the agriculture teacher must be objective and confidential.
- 1.13 The agriculture teacher should assess each candidate's project from time to time using the marking scheme and timelines provided by KNEC and enter the marks in the individual candidate project assessment sheets. It is **important** that the marks are entered in the project assessment sheets **immediately** after each assessment.
- 1.14 The score awarded to the group should be transferred to each member of the group.
- 1.15 All the project assessment sheets must be kept under lock and key in the School Principal's office in a sealed envelope. They should be made available **only** to the agriculture teacher whenever the teacher is going to assess the project or an authorized KNEC agent. The sheets must be returned to the School Principal immediately after each assessment.
- 1.16 The School Principal should check to ensure that scores are recorded in the assessment sheets after every assessment. In the absence of the School Principal, the Deputy School Principal should be in custody of the documents.
- 1.17 The candidate scores on the project, together with pictorial evidence of the entire school project status will be electronically submitted to KNEC twice. Milestone I by **31st March 2025** and milestone II by **31st July 2025**.
- 1.18 The agriculture teacher should transfer the total score of each candidate from the assessment sheet to the Manual Mark Sheet. The scores, together with a photograph showing the project status for the entire class at the time the last assessment was done should be uploaded on the KNEC Portal. The photograph should be in **.gif** or **.jpeg** format. It should capture the school Principal, Agriculture teacher and candidates standing at their respective projects in full school uniform. This should be done following the timelines provided.
- 1.19 The index numbers of candidates should be entered in assessment sheets and manual mark sheets in ascending order ensuring that all candidates **have the same Index Numbers as in the final examination.**

- 1.20 The KNEC Portal will only be accessible for the uploading of scores from **1<sup>st</sup> to 31<sup>st</sup> March 2025** for milestone I and **1<sup>st</sup> to 31<sup>st</sup> July 2025** for milestone II. The scores once uploaded cannot be accessed for alteration.
- 1.21 The Agriculture Teacher should write a brief report about the centre using the centre report form provided by KNEC.
- 1.22 The project implementation and assessment should be completed by the end of July 2025.
- 1.23 At the end of the project, the School Principal **must** ensure that the Assessment Sheets and Manual Mark Sheet are duly filled, signed, and stamped. All the candidates' Agriculture Project Reports, Project Assessment Sheets, Manual Mark Sheets and Project Report Form for the centre should be packed and handed over to the Sub-County Director of Education at the end of the **first week of August 2025**.
- 1.24 The Sub-County Director of Education will then hand over **all** the documents to the Kenya National Examinations Council.

## GUIDE FOR CREATING A SCHOOL PRIVATE FACEBOOK GROUP

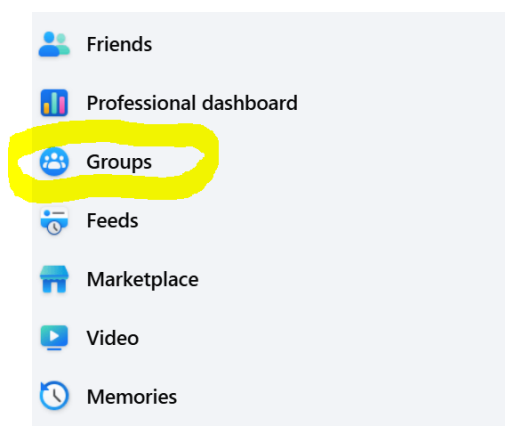
Step-by-step guide to help you set up a secure and engaging private Facebook Group.

### Step 1: Navigate to Your School's Facebook Page or create one

- Go to the school page or account. Ensure that you are logged in as the admin.

### Step 2: Go to Groups

- Once on your school page or account, look for the “Groups” tab click it.
- If you do not see it immediately, click on “More” to reveal additional options.



### Step 3: Create a New Group

- Click on the “Create Linked Group” button. This option allows you to create a new group associated with your school page or account.
- You will be prompted to enter a name for your group i.e. **2025 KCSE Agriculture Project Portfolio** followed by the name of the school (e.g. **2025 KCSE Agriculture Project Portfolio – St. John’s High School**).

# Groups



Search groups



Your feed



Discover



Your groups

+ Create new group

Group name

Choose privacy

Invite friends (optional)

Suggested: Veronica Verweij Swaro, Francis Faluma, Ge...

## Step 4: Set Privacy Settings

- Select the privacy level for your group. Choose “Private” so that only members can see posts and who is in the group.
- Additionally, select “Hidden” to ensure that only invited members can find the group through search.

Group name



Choose Privacy

Private

Only members can see who's in the group and what they post. You can't change this group to public later. [Learn more](#)

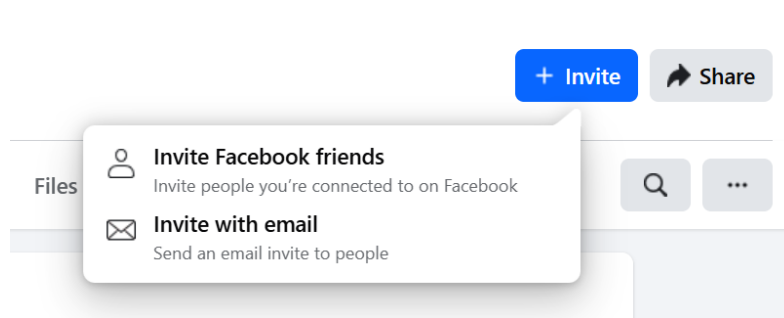


Visibility

Hidden

### Step 5: Invite Members

- After creating the group, click on the “Invite” button to add members.
- Enter the candidates as the members.

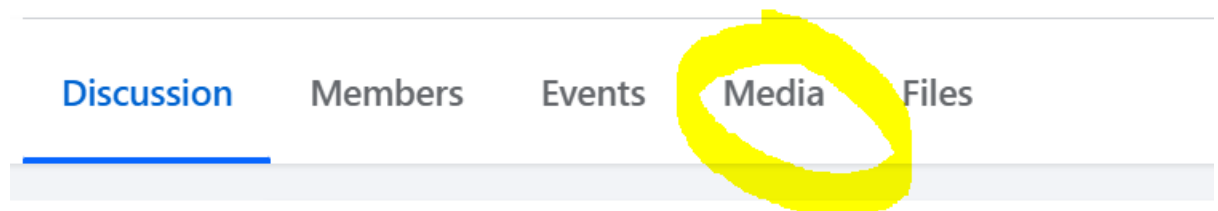


### Step 6: Establish Group Guidelines

- Once your group is created, post guidelines outlining acceptable behaviour and communication protocols within the group. This helps maintain a respectful and constructive environment.

### Step 7: Create and assign Albums to candidates

- Go to media and click **album** tab



- Click create album.



- Assign an album to each candidate. The album should be labelled the candidate's name e.g. **Joseph Andrew Johnson**

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## Create album

Private group

Album Name

Upload Photos or Videos

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### Step 8: Regular Engagement

- To keep the group engaged, each candidate should regularly post updates about project activities, photos and videos with admin consent and guidance. Alternatively, the admin can post on behalf of the candidate.
- The admin can create a schedule for regularly uploading updates on project activities. The updates (evidence) can be given to the admin for posting or a session set aside for the candidates to update their albums.

### Step 9: Monitor Group Activity

- As an admin, it's essential to monitor the posts and ensure that all interactions remain positive and appropriate.
- Address any issues promptly to maintain a healthy atmosphere.