



GRADE 8 AGRICULTURE PROJECT
THE KENYA NATIONAL EXAMINATIONS COUNCIL
May 2026
Duration: 5 months

Instructions schools

School Administration

- i. Include the project in the **School Academic Calendar**
- ii. Approve and communicate the project to staff, learners, and parents
- iii. Provide suitable land or space for kitchen gardens
- iv. Support sourcing of:
 - o Seeds and planting materials
 - o Water for irrigation
 - o Simple garden tools
- v. Encourage partnerships with parents and the local community

Agriculture Teacher (Project Lead)

1. Introduce the project clearly.
2. Guide on group formation.
3. Guide learners through all the six project steps.
4. Ensure each learner actively participates in the project.
5. Demonstrate correct gardening techniques.
6. Supervise learners and ensure safety, teamwork, and ethical practices.
7. Collect and keep assessment evidence for each learner.

Score Grid

S No.	Criteria	Marks
1	Problem Identification	11
2	Designing the Solution	10
3	Planning	7
4	Project implementation	18
5	Showcasing the project	10
6	Reflection and learning	9
	Total	65

This paper consists of 4 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

INSTRUCTIONS TO THE LEARNER *(A copy should be provided to each learner)*

Project Overview

Your school or community is experiencing challenges related to food availability, nutrition, or high cost of fresh vegetables. As Grade 8 learners, identify a food related challenge and take action by establishing and managing a kitchen garden as a practical and sustainable solution to the problem.

Work in your group to complete the project in the following six (6) steps:

Step 1: Problem Identification – (11 marks)

- a) Individually, search for information and identify five food or nutrition-related problems that can be addressed by a kitchen garden in your school or community.
- b) Guided by the teacher, parent or guardian, use a digital device to collect the evidence (photos, videos, interviews, etc.) for the problems and send them to Agriculture teacher. Seek consent before taking photos or videos.

Evidence

- i. Photos/videos that evidence the problem
- ii. Interview videos

Step 2: Designing the Solution – (10 marks)

- a) Explain how establishing a kitchen garden will help solve the problems identified.
- b) Identify suitable vegetables, herbs, or spices that can be established in the kitchen garden to solve the problems identified.
- c) Explain why you have selected the crops.

Step 3: Planning – (7 marks)

- a) Using the evidence collected, present the identified problems to your group or class. As a group, discuss and agree on one problem that you will address as a group.
- b) Decide on the following:
 - (i) activities to be undertaken;
 - (ii) roles for each group member;
 - (iii) timeline of activities;
 - (iv) resources needed;
 - (v) exact location of the kitchen garden;
 - (vi) role allocation list.

Evidence:

- (i) Action plan.
- (ii) Role allocation list.
- (iii) Timeline chart.

Step 4: Project Implementation – (18 marks)

- (a) Prepare the garden area.
- (b) Plant selected crops properly.
- (c) Carry out caring practices on crop

- (d) Harvest the produce at the right time
- (e) Use appropriate tools correctly and safely.
- (f) Positively work as a team and demonstrate responsibility.

Evidence:

- (i) Photos or short videos of activities.
- (ii) Teacher observation records.
- (iii) Simple garden maintenance records.

Step 5: Showcasing the Project – (9 marks)

(a) Present your kitchen garden project during:

- school assembly;
- open day or
- parents' meeting.

(b) Take turns to explain:

- the problem identified;
- the solution (kitchen garden);
- what your group did and learned.

Evidence:

- (i) Posters or charts.
- (ii) Oral presentations.
- (iii) Photographs or videos.

Step 6: Reflection – (8 marks)

Individually reflect on:

- a) What you learned from the project;
- b) Challenges faced and how you solved them;
- c) How the kitchen garden helped the school or community;
- d) Skills and values developed.

Evidence:

- (i) Written reflections.
- (ii) Drawings.
- (iii) Short reflection videos.

HOW YOU SHOULD WORK

- Participate actively in all group activities.
- Respect group members and share responsibilities.
- Always follow safety instructions.
- Handle tools, water, and plants correctly and carefully.

AFTER THE PROJECT

- Continue maintaining the kitchen garden;
- Encourage others to use and protect the garden;
- Harvest crops responsibly and hygienically.

This project will help you to:

- Learn by doing;
- Improve food and nutrition security;
- Develop Agricultural skills;
- Practice teamwork, responsibility, and citizenship;
- Apply classroom learning to real-life situations.

SUSTAINABILITY EXPECTATIONS

- Assign future classes responsibility for garden care.
- Integrate garden maintenance into:
 - Environmental clubs;
 - School routines;
 - National and environmental days.
- Maintain simple garden records (crop type, dates, caretakers).

FINAL REMINDER

This project is not just for assessment. It is designed to:

- Develop responsible and skilled citizens;
- Promote food security and healthy living;
- Strengthen school–community partnerships.

THIS IS THE LAST PRINTED PAGE