

SCHOOL BASED ASSESSMENT

GRADE 8

AGRICULTURE AND NUTRITION



May 2024

Project

Duration: 3 Weeks

THE KENYA NATIONAL EXAMINATIONS COUNCIL

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Instructions to Learners

- (a) *This paper consists of **ONE** project task.*
- (b) *The project is scored out of 30 marks.*
- (c) *Answer **all** the questions in English.*

This paper consists of 4 printed pages.

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

Turn over

INSTRUCTIONS TO THE TEACHER

- (a) This project task is on **making a farm model on soil conservation**.*
- (b) The project task is to be carried out in groups (a maximum of 10 learners per group) within a period of three (3) weeks.*
- (c) The teacher to guide the learners to search for information and make a write up on methods of soil conservation.*
- (d) The teacher to guide the learners to make a sketch of a farm model showing at least three methods of soil conservation.*
- (e) The teacher to instruct the learners to identify and source for locally available materials to make the farm model.*
- (f) The teacher to guide learners to make the farm model.*
- (g) The teacher to guide learners to make presentations on how soil is conserved using the constructed model.*
- NB: ensure learners document the entire process of making the model in a e-portfolio.***
- (h) The teacher to use the scoring guide provided to assess and score the learner's performance in the project.*
- (i) The teacher to ensure the safety of the learners throughout the project.*

THEME: Soil Conservation for a Friendly Environment

TASK: Making a Farm Model on Soil Conservation

You have noticed that there is soil erosion in the school neighbourhood. As members of the 4-K club you have decided to carry out a campaign to sensitise the community on methods of soil conservation.

In preparation for the campaign:

- a) Search for information on the different methods of conserving soil.
- b) Make a write up of how the different methods conserve soil.
- c) Make a sketch of the farm model showing methods of soil conservation (include at least 3 methods of soil conservation).
- d) Identify locally available materials you will use to make the farm model.
- e) Make the farm model.
- f) Make a presentation to your class on how soil is conserved in the farm model you have made.
- g) Make a e-portfolio to document the entire process of making the farm model.

Targeted General Learning Outcome.

Participate actively in Agricultural and household activities in conservation of resources.

Targeted Specific Learning Outcomes

The learner should be able to:

- a) Describe methods of soil conservation in agricultural environment (Grade 8 SLO 1.1a).
- b) Carry out soil conservation activities in the environment (Grade 8 SLO 1.1b)

Standards

The learner can:

- a) Make a write up of how the different methods conserve soil.
- b) Make a sketch of the farm model showing methods of soil conservation.
- c) Identify locally available materials for making a farm model.
- d) Make a farm model.
- e) Make a presentation on how soil is conserved in the farm model made.
- f) Make an e-portfolio to document the process of making the farm model.

TARGETED CORE COMPETENCIES, VALUES, PERTINENT AND CONTEMPORARY ISSUES

a) Core Competencies

- i) Digital literacy as the learner searches for information on method of soil conservation.
- ii) Creativity and imagination as the learner uses the tools, equipment and materials to design and make a farm model.
- iii) Learning to learn as the learner uses the knowledge acquired to make the farm model.

b) Values

- i) Responsibility as the learner uses the tools, equipment and materials to make a farm model as guided.
- ii) Integrity as the learner carries out the task independently.
- iii) Unity as the learner carries out the task harmoniously.

c) Pertinent and Contemporary Issues

- i) Environmental awareness as learners conserve soil from erosion.
- ii) Safety as the learner observes safety when using the tools, equipment, and materials to carry out the task.

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