

PRIMARY SCHOOL EDUCATION ASSESSMENT

AUGUST ENGAGEMENT ACTIVITIES 2026

GRADE 5 – AGRICULTURE

Time: 1 Hour 30 Minutes



LEARNER'S DETAILS

Name: _____ . School: _____ .

Assessment Number: _____ . Date: _____ .

School Code: _____ . Signature: _____ .

Instructions for Learners

1. Write your name, school name, and assessment number in the spaces provided.
2. Check the question paper carefully to ensure all pages are printed and no questions are missing.
3. Answer all the questions in the spaces provided.
4. Answer **all** questions.
5. Write your answers clearly in the spaces provide.

FOR EXAMINER'S USE

SECTION	TASK 1	TASK 2	% SCORE	EE1	EE2	ME1	ME2	AE1	AE2	BE1	BE2
SCORE RANGE	20 MARKS	30 MARKS		90-100	75-89	58-74	41-57	31-40	21-30	11-20	1-10
POINTS				8 POINTS	7 POINTS	6 POINTS	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT
LEARNER'S TOTAL SCORE											

SECTION A: (20 MARKS)

Answer all questions in this section.

1. Kamau noticed that crops in one part of the school garden were yellow and weak. The teacher advised learners to improve the soil using organic materials.

a) State one sign showing that the soil is poor for crop growth. (1 mark)

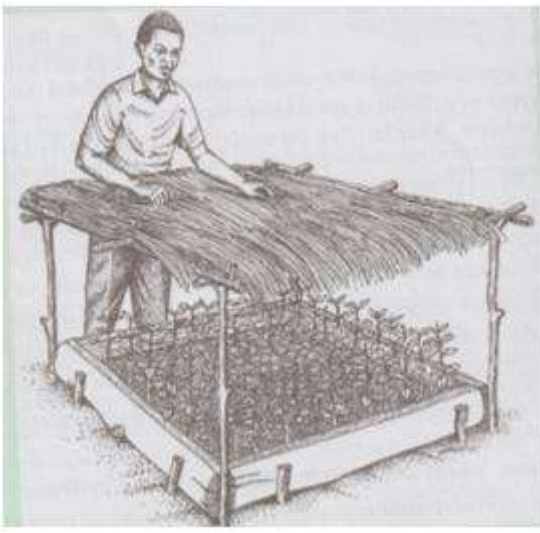
b) Mention one material that can be added to improve the soil. (1 mark)

2. Learners collected kitchen waste and plant remains to make compost manure.

Identify two materials that can be placed in an organic waste pit. (2 marks)

- i. _____
- ii. _____

3. The diagram below shows a common practice carried out during raising of kales seedlings.



a. State two roles of the shade erected over the nursery bed.(2 mks)

- i. _____
- ii. _____

b. State two practices that are carried out during the growth of the seedlings. (2 mks)

- i. _____
- ii. _____

4. Children used smoke to chase away monkeys from their maize plantation.

a) Name the wild animals in the scenario. (1 mark)

b) State one safe way of repelling wild animals. (1 mark)

5. Grade 4 learners prepared a nursery bed before planting tomato seeds.

Mention two gardening practices carried out in a nursery bed. (2 marks)

- i. _____
- ii. _____

6. Study the pictures below.



A.



B.



C.

a) Name the animals. (3 marks)

A: _____

B: _____

C: _____

b) Match each domestic animal with its use.

Animal	Use
A	_____
B	_____
C	_____

Uses: Transport, Food, Honey production (3 marks)

7. A family dried maize under the sun before storage.



a) Name the method of preserving cereals shown above. _____(1 mark)

b) State one importance of preserving cereals. (1 mark)

8. Suzzy brought the following foods to school for a project.

- i. Egg
- ii. Bread
- iii. Carrot

Identify the main nutrient found in each food. (3 marks)

Food	Nutrient
Egg	_____
Bread	_____
Carrot	_____

9. Mary prepared chips using a cooking pot full of hot oil.

a) Name the method of cooking used. _____(1 mark)

b) Mention one food cooked using the same method. (1 mark)

10. Learners were preparing for a school assembly.

State two good grooming practices learners should observe. (2 marks)

- i. _____
- ii. _____

SECTION B: (30 MARKS)

Answer all questions in this section.

11. The Grade 4 learners cleaned different surfaces in the classroom and at home.



A.



B.



C.

a) Identify the surfaces shown above. (3 marks)

A: _____

B: _____

C: _____

b) Explain how learners can clean the following surfaces:

i) Glass surface (1 mark)

ii) Wooden surface (1 mark)

iii) Cement floor (1 mark)

c) State two importance of keeping home surfaces clean. (2 marks)

- i. _____
- ii. _____

12. A learner washed a white cotton shirt using soap and clean water.



a) List three items needed when laundering a cotton item. (3 marks)

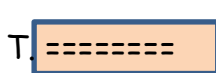
- i. _____
- ii. _____
- iii. _____

b) Outline the steps followed when washing a cotton shirt. (4 marks)

- i. _____
- ii. _____
- iii. _____
- iv. _____

c) Explain one importance of laundering clothes. (1 mark)

13. Amina noticed that her school uniform had a gaping seam.



a) Identify the stitches labelled S and T above. (2 marks)

S: _____

T: _____

b) Differentiate between a running stitch and a back stitch. (2 marks)

Running stitch	Back Stitch

c) Describe how a learner can repair a gaping seam using stitches. (3 marks)

- i. _____
- ii. _____
- iii. _____

14. Study the illustrations below.



Illustration



A Illustration B

a) Identify the type of garden shown in:

i) Illustration A: _____ (1 mark)

ii) Illustration B _____ (1 mark)

b) State two materials used in constructing innovative gardens. (2 marks)

- i. _____
- ii. _____

c) Explain two advantages of innovative gardens. (4 marks)

- i. _____
- ii. _____

15. A teacher asked learners to prepare a balanced meal.

Learners brought the following

- i. Rice
- ii. Spinach
- iii. Fish
- iv. Avocado

a) Group the foods above according to their major nutrients. (4 marks)

Food	Major Nutrient
Rice	_____
Spinach	_____
Fish	_____
Avocado	_____

b) Name two nutritional diseases caused by poor eating habits. (2 marks)

- i. _____
- ii. _____

c) State two functions of proteins in the body. (2 marks)

- i. _____
- ii. _____

MARKING SCHEME / ANSWERS

SECTION A

1.

a) The crops are yellow/weak/wilted. (1 mark)

b) Compost manure/organic manure/plant remains. (1 mark)

2.

- Dry leaves
 - Food remains
 - Plant residues
 - Kitchen wastes
- (Any 2 × 1 = 2 marks)

3.

a.

1. Reduces evaporation of moisture
2. Reduces the impact of rain drops

b.

1. Mulching
2. Watering
3. Weed control
4. Pricking out
5. Root pruning
6. Pest control
7. Disease control
8. Hardening off

4.

a) Monkeys. (1 mark)

b) Use of smoke/use of smell repellents/fencing. (1 mark)

5.

- Watering seedlings
 - Weeding
 - Thinning
 - Shading
- (Any 2 × 1 = 2 marks)

6.

Animal	Use
Bee	Honey production
Fish	Food
Camel	Transport

(3 marks)

7.

- a) Sun drying. (1 mark)
- b) Prevents food spoilage/ensures food security/protects grains from pests. (1 mark)

8.

Food	Nutrient
Egg	Proteins
Bread	Carbohydrates
Carrot	Vitamins

(3 marks)

9.

- a) Deep frying. (1 mark)
- b) Mandazi/chicken/fish/samosa. (Any 1 = 1 mark)

10.

- Wearing clean clothes
- Combing hair neatly

- Polite language
 - Washing the body regularly
 - Proper etiquette
- (Any 2 × 1 = 2 marks)

SECTION B

11.

a)

A. Glass surface/window glass

B. Wooden table

C. Cement floor

(3 marks)

b)

i) Clean using a wet cloth and dry with a clean cloth. (1 mark)

ii) Dust and wipe using a damp cloth. (1 mark)

iii) Sweep and mop with clean water. (1 mark)

c)

- Prevents diseases
 - Promotes healthy living
 - Makes the environment attractive
 - Prevents bad smell
- (Any 2 × 1 = 2 marks)

12.

a)

- Soap/detergent
 - Water
 - Basin/bucket
 - Brush
 - Pegs
- (Any 3 × 1 = 3 marks)

b)

- Sort clothes
- Soak the shirt
- Wash using soap
- Rinse with clean water

- Dry in the sun
 - Iron/fold
- (Any 4 × 1 = 4 marks)

c)

Keeps clothes clean/prevents diseases/improves personal hygiene. (1 mark)

13.

a)

i) Running stitch

ii) Back stitch

(2 marks)

b)

- Running stitch is temporary and less strong.
 - Back stitch is stronger and permanent.
- (2 marks)

c)

- Thread the needle
 - Align the torn edges
 - Sew using back stitch or running stitch
 - Tie knot at the end
- (Any 3 × 1 = 3 marks)

14.

a)

i) Vertical garden (1 mark)

ii) Horizontal garden (1 mark)

b)

- Plastic bottles
 - Sacks
 - Plastic pipes
 - Walls
- (Any 2 × 1 = 2 marks)

c)

- Saves space
- Improves food production
- Easy to manage
- Conserves water

(Any 2 × 2 = 4 marks)

15.

Food	Major Nutrient
Rice	Carbohydrates
Spinach	Vitamins and minerals
Fish	Proteins
Avocado	Fats and oils

(4 marks)

b)

- Kwashiorkor
- Marasmus
- Goitre
- Anaemia
- Beriberi
- Rickets

(Any 2 × 1 = 2 marks)

c)

- Body building and growth
- Repair of worn out tissues

(Any 2 × 1 = 2 marks)