



TARGETER WINGS

MONITORING LEARNER'S PROGRESS

GRADE 4 - 2025

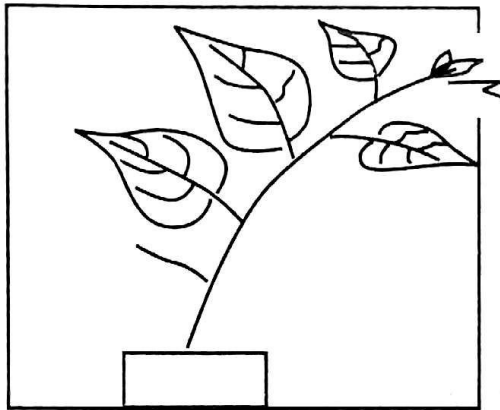
Wings
005

INTEGRATED SCIENCE

TIME: 1hr 40 mins

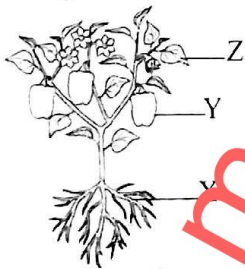
SCIENCE AND TECHNOLOGY

1. Natasha observed a plant in a dark room growing towards light coming from a window as shown below.



This shows that plants

- A. respond to changes in the environment.
 - B. die
 - C. breathe
 - D. reproduce
2. Which one of the following is **not** true about plants?
- A. Plants do not reproduce.
 - B. Plants grow.
 - C. Plants die.
 - D. Plants remove waste.
3. Study the diagram below.



Identify part marked 'Y'.

- A. Root
 - B. Stem
 - C. Leaves
 - D. Fruit
4. Grade four learners were asked to wear protective gears as they were to visit a farm. Which protective gear were they supposed to wear on their feet?

A.



B.



C.



D.



5. Which part of a plant supports and holds the other parts?
- A. Roots
 - B. Stem
 - C. Leaves
 - D. Branches
6. Mr. Kijilu displayed the picture below showing a characteristic of the animal.



The picture shows that

- A. animals breathe.
 - B. animals feed.
 - C. animals die.
 - D. animals move.
7. Animals without a backbone are referred to as
- A. invertebrates
 - B. vertebrates
 - C. living things
 - D. human beings
8. During grade 4 digital learning lesson, Learners observed a certain behaviour of animals as shown below.



What did the learners observe and conclude?

- A. Animals die.
 - B. Animals move.
 - C. Animals reproduce.
 - D. Animals breathe.
9. Which of the animals shown below is a vertebrate?

A.



B.



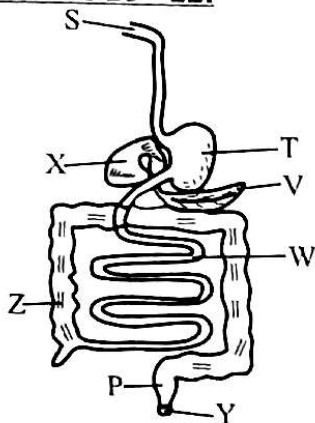
C.



D.



Study the picture shown below and use it to answer questions 10 - 12.



10. Identify the part marked Y.
A. Stomach B. Rectum
C. Small intestines D. Anus
11. Which one of the labelled parts contains saliva?
A. T B. W
C. S D. Z
12. Which of the labelled parts shows the stomach?
A. X B. T
C. V D. Z
13. Which one of the following is another name of food pipe?
A. Anus B. Gullet
C. Stomach D. Colon
14. Plants remove excess water through which part?
A. Stem B. Roots
C. Flowers D. Leaves
15. Teacher Caroline asked learners to identify symptoms of unhealthy digestive system. Learners gave the following answers. Who gave the **correct** symptom of unhealthy digestive system?
A. Boniface - Headache
B. Josephine - Diarrhoea
C. Virginiah - Hunger
D. Alex - Sweating
16. A grade 4 learner blew into a balloon and it changed as shown in the picture below.

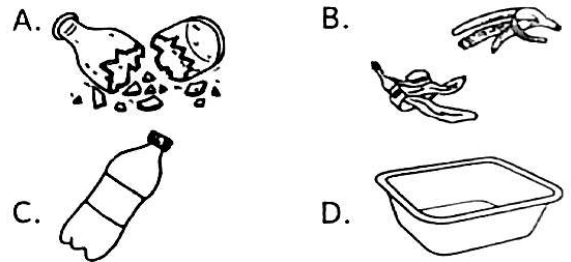


Which state of matter is shown above?

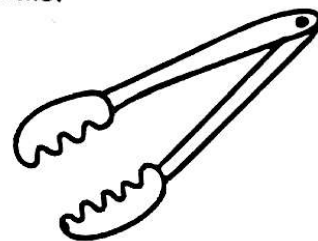
- | | |
|-----------|----------|
| A. Liquid | B. Gas |
| C. Solid | D. Water |
17. What is matter?
A. Anything that has mass and occupies space.
B. Anything that cannot be seen or touched.
C. Only things that can be seen with the eyes.
D. Anything that moves.

TW - 005

18. Which **one** of the following is a reason why the gas state is important?
A. It is good to wash our hands.
B. Gives colour to objects.
C. It helps plants to grow.
D. Makes water freeze.
19. Which of the following is an example of decomposable solid waste.



20. Where should waste be placed in a school compound?
A. In the flower garden.
B. Under the desk.
C. In a covered dustbin.
D. Behind the classrooms.
21. Maria was washing clothes. The water Maria used to rinse her clothes was used to wash the house. Which method of water conservation did Maria practise?
A. Reusing water B. Recycling water
C. Reducing water D. Wasting water
22. Which material does **not** belong to the same state of matter as the rest?
A. Oil B. Juice
C. Kerosene D. Water vapour
23. Which one is **not** definite in liquids?
A. Volume B. Shape
C. Mass D. Size
24. Identify the tool used in handling small animals.



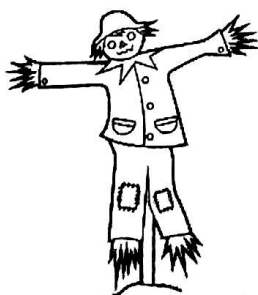
- | | |
|-------------|-----------|
| A. Masks | B. Gloves |
| C. Scissors | D. Tongs |
25. Which is the last stage of every plant and animal?
A. Growth B. Birth
C. Death D. Reproduction

AGRICULTURE

26. Identify the suitable material for making compost manure.
- | | |
|-------------------|------------------|
| A. Broken glass | B. Kitchen waste |
| C. Plastic papers | D. Bottles |
27. Compost manure has all the following benefits **except**
- it does not harm crops.
 - it is difficult to prepare.
 - it is easy to prepare.
 - it saves money.
28. Which type of irrigation is shown below.



- Overhead irrigation
 - Drip irrigation
 - Sprinkler irrigation
 - Flood irrigation
29. The following are all ways of taking care of plants **except**
- | | |
|------------|---------------|
| A. weeding | B. watering |
| C. fencing | D. harvesting |
30. During an Agriculture lesson the teacher asked which crop is commonly destroyed by birds. Pupils gave the following answers. Who gave the **correct** answer?
- | |
|-------------------|
| A. Judy - Cabbage |
| B. Denis - Kales |
| C. Joy - Carrot |
| D. John - Maize |
31. Grade 4 teacher displayed the picture below.



- Item above is made with all the following **except**
- | | |
|--------------|----------------|
| A. sticks | B. stones |
| C. dry grass | D. old clothes |
32. Which of the plants below does **not** have tiny seeds that can be sown directly in the farm.
- | | |
|--------------|------------|
| A. Sunflower | B. Millet |
| C. Carrot | D. Cabbage |

33. During an outdoor lesson, learners were seen doing a certain farm practice to a fruit tree as shown in the picture below.



Identify the farm practice.

- | | |
|-------------|-------------|
| A. Watering | B. Mulching |
| C. Pruning | D. Weeding |
34. Learners were feeding the animals below in the school compound.



The animal gives us the following **except**

- | | |
|-----------|---------|
| A. fur | B. eggs |
| C. manure | D. meat |
35. The **best** soil for farming is called
- | | |
|--------------|---------------|
| A. clay soil | B. sand soil |
| C. loam soil | D. black soil |
36. What do we mix with soil to make it fertile?
- | | |
|-----------|------------|
| A. Plant | B. Water |
| C. Manure | D. Bottles |
37. Mr. Kilunda asked learners to state the correct order of planting fruit trees. Who gave the **correct** answer.
- A. **Grace**: Water → Mulch → Plant → Harvest
- B. **Faith**: Harvest → Water → Dig → Plant
- C. **Helen**: Dig → Plant → Water → Mulch
- D. **Abraham**: Water → Eat → Plant → Harvest
38. Grade 4 learners were asked to make a kitchen garden using locally available materials. Which material is **not** correct?
- | | |
|-------------------|---------------|
| A. Metallic drums | B. Old tyres |
| C. Wooden boxes | D. Paper bags |
39. Which of the following is **not** a fuel used at home?
- | | |
|-------------|-------------|
| A. Firewood | B. Petrol |
| C. Gas | D. Charcoal |

40. Aisha carried the foods below to school.



X



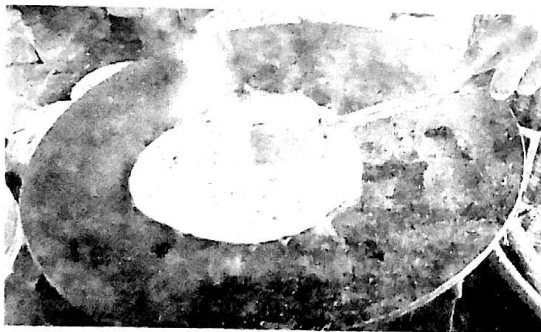
Y



Z

Which food group does food Y belong to?

- A. Body building
 - B. Protective
 - C. Energy giving
 - D. Carbohydrates
41. Students in Mapema primary ate different types of foods on different days of the week. On which day did they **not** take a balanced diet?
- A. Monday: Rice + Beans + Cabbage
 - B. Tuesday: Chapati + Cabbage + Orange
 - C. Wednesday: Ugali + Meat + Kales
 - D. Thursday: Githeri + Cabbage
42. Grade 4 learners were asked to identify a method of cooking that had been displayed in the textbook as shown below.



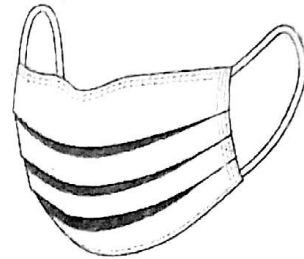
Which method did they identify?

- A. Shallow frying
 - B. Boiling
 - C. Baking
 - D. Deep frying
43. The teacher showed learners a picture of a child brushing their teeth. Why do you think brushing of teeth is important?
- A. Keeps lips soft.
 - B. Removes germs and keeps teeth clean.
 - C. To keep bad smell.
 - D. To change the toothpaste.

44. Grade 4 learners were asked to describe the various methods used for cleaning home environment. Which method is **wrong**?

- A. Mopping
- B. Dusting
- C. Dirtying
- D. Sweeping

45. Identify the cleaning personal protective equipment drawn below.



- A. Canvas shoes
- B. Headgear
- C. Dustmask
- D. Overall

46. Which one is **not** an example of poultry?

- A. Chicken
- B. Turkey
- C. Goose
- D. Owl

47. What should we do before eating fruits?

- A. Pill them with dirty hand.
- B. Boil them.
- C. Wash with clean water.
- D. Put them in the sun.

48. Grade 4 learners were asked to pick a food that protect our body from diseases. Which answer was right?

- A. Rice
- B. Eggs
- C. Groundnut
- D. Carrot

49. Which animal gives us milk, beef and hides?

- A. Sheep
- B. Cow
- C. Goat
- D. Bull

50. Which one of the following is **not** a way of conserving fuel when cooking?

- A. Using wet firewood when cooking.
- B. Using enough charcoal.
- C. Putting off fire after cooking.
- D. Using energy saving jikos.