

KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT

DECEMBER ASSIGNMENT 2026

GRADE 4 – SCIENCE AND TECHNOLOGY ACTIVITY

Time: 2 HOURS



LEARNER'S DETAILS

Name: _____ SCHOOL: _____

ASST/UPI Number: _____ Date: _____

Instructions for Learners

1. Write your name, Assessment/UPI Number and the Date 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.

FOR EXAMINER'S USE

SECTION	% SCORE	Exceeding Expectations	Meeting Expectations	Approaching Expectations	Below Expectations	Assessors remarks
SCORE RANGE		75-100	40-74	21-39	1-20	
LEARNER SCORE						
LEVEL		4	3	2	1	
TICK LEVEL						

Answer ALL questions in this section

1. During a Nature Walk, Grade 3 learners observed a goat, a tree, a stone and a chair. The teacher explained that plants and animals are grouped together because they are _____ things.

- A. heavy
- B. living
- C. bad
- D. non-living

2. During a health lesson, learners discussed the teeth found in the mouth of a fully grown adult. How many teeth does a healthy adult usually have?

- A. 28
- B. 20
- C. 32
- D. 9

3. A learner was eating groundnuts and used the broad teeth at the back of the mouth to crush the food. Which work do these teeth perform?

- A. Chewing and grinding
- B. Cutting and biting
- C. Tearing and cutting
- D. Biting and chewing

4. During a science lesson, learners listed the characteristics of animals. Which one of the following is NOT a characteristic of animals?

- A. They move.
- B. They make their own food.
- C. They grow.
- D. They reproduce.

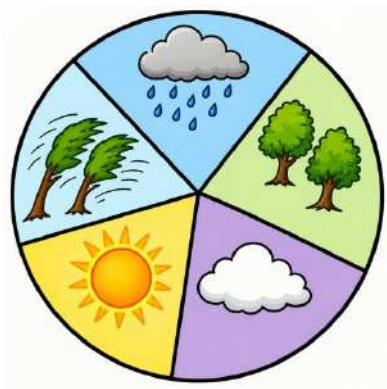
5. A farmer listened to the weather forecast before going to the farm. The weather symbol shown below was displayed on the forecast.



The symbol shows that the weather is

- A. rainy
- B. cloudy
- C. windy
- D. sunny

6. During a weather lesson, learners recorded the weather conditions for several days using the diagram shown below.



The diagram is called a _____.

- A. circle
- B. symbol
- C. weather clock
- D. pie chart

7. Before eating her lunch, Amina was reminded to wash her hands with clean water and soap. Dirty hands can bring _____ into our bodies.

- A. food
- B. clothes
- C. germs
- D. plants

8. During a technology lesson, learners identified devices used to receive, process or communicate information. Which one of the following is NOT a digital device?

- A. Radio
- B. Tablet
- C. Smartphone
- D. Water filter

9. Before leaving for school, Brian saw dark rain-bearing clouds in the sky. Which type of clouds is commonly associated with rain?

- A. Nimbus
- B. Cumulus
- C. Stratus
- D. Cirrus

10. During an experiment, learners sorted different materials according to their states of matter. Which one of the following is NOT a state of matter?

- A. Solid
- B. Liquid
- C. Plant
- D. Gas

11. After experiencing a toothache, Wanjiku visited a health professional who examines and treats teeth. This person is called a _____.

- A. teacher
- B. pastor
- C. driver
- D. dentist

12. During an agriculture lesson, learners discussed animals that provide useful products to human beings. Which animal commonly gives us milk?

- A. Cow
- B. Donkey
- C. Dog
- D. Cat

13. A learner used a torch to shine light through a small hole onto a wall. The experiment showed that light travels in a _____ line.

- A. zigzag
- B. straight
- C. curved
- D. cornered

14. While standing near a large rock, Kevin shouted and heard his voice coming back to him. The reflected sound he heard is called an _____.

- A. water
- B. microphone
- C. shaker
- D. echo

15. During playtime, learners moved a desk by pushing it across the classroom. When we push or pull an object, we apply a _____.

- A. weight
- B. water
- C. force
- D. wind

16. During an animal study, learners observed a cow, a fish and a bird. These animals have backbones. Animals with backbones are called _____.

- A. plants
- B. vertebrates
- C. growers
- D. invertebrates

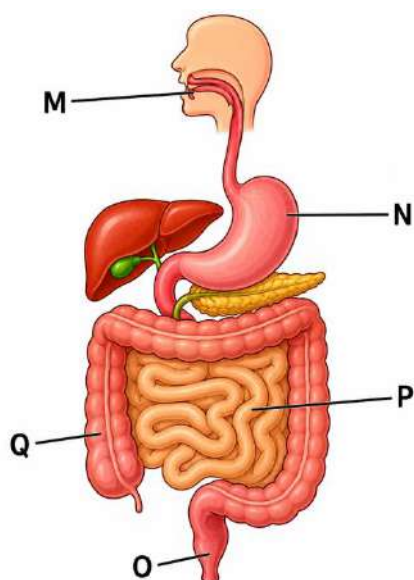
17. The school environmental club discussed activities that can cause air pollution. Which one of the following does NOT pollute the air?

- A. Smoke from burning charcoal
- B. Vehicle fumes
- C. Smoke from burning rubbish
- D. Growing plants

18. After harvesting maize, a farmer wanted to separate the chaff from the grains by winnowing. Which is the best weather condition for this activity?

- A. A windy day
- B. A rainy day
- C. A calm day
- D. A cloudy day

Use the diagram below to answer Questions 19–22.



19. A teacher used the digestive system diagram above to explain how food is broken down in the body. In which labelled part does digestion begin?

- A. N
- B. Q
- C. P
- D. M

20. Identify the part labelled N in the digestive system diagram.

- A. Liver
- B. Stomach
- C. Mouth
- D. Large intestine

21. During digestion, water and some mineral salts are absorbed in one part of the digestive system. According to the diagram, this part is labelled _____.

- A. Q
- B. M
- C. O
- D. N

22. The part labelled P in the diagram is the _____.

- A. mouth
- B. pancreas
- C. small intestine
- D. anus

23. During a technology lesson, learners observed patterns on traffic lights, computer icons and sports balls. These arrangements are examples of common _____ patterns.

- A. keyboard
- B. letter
- C. coded
- D. shape

24. At home, water is used for many activities. Which one of the following is NOT a common domestic use of water?

- A. Bathing
- B. Cooking
- C. Swimming
- D. Washing clothes

25. During a Social Studies lesson, learners observed the direction in which the sun appears in the morning and disappears in the evening. The sun rises in the _____ and sets in the _____.

- A. West, East
- B. East, West
- C. North, South
- D. South, North

26. During a water experiment, learners placed different objects in a basin of water. Which one of the following is most likely to float instead of sink?

- A. Stone
- B. Marble
- C. Plastic bottle cap
- D. Nail

27. During a sorting activity, learners grouped a table, chair, ruler and stone together. These objects are classified as _____.

- A. living things
- B. man-made things
- C. non-living things
- D. growing things

28. During a dental health lesson, the teacher showed learners the diagram of a tooth below.



Identify the type of tooth shown.

- A. Incisor
- B. Molar
- C. Canine
- D. Premolar

29. During a coding activity, learners used the diagram below to change letters into numbers.

A	B	C	D	E	F	G	H
1	2	3	4	5	6	7	8

Using the code, which number represents the word DAD?

- A. 414
- B. 345
- C. 412
- D. 234

30. During a science experiment, learners were asked to identify materials in different states of matter. Which one of the following is NOT a liquid?

- A. Water
- B. Ice
- C. Spirit
- D. Kerosene

31. During a school clean-up activity, learners needed to move a heavy load of soil from one place to another. Which simple tool would be most suitable?

- A. Wheelbarrow
- B. Scissors
- C. Beam balance
- D. Fishing rod

32. During an outdoor activity, learners wanted to observe objects that were very far away in the sky. Which instrument would be most suitable?

- A. Microscope
- B. Seesaw
- C. Binoculars
- D. Torch

33. During a Nature Walk, learners observed different ways in which animals move. Which animal moves by slithering?

- A. Spider
- B. Snake
- C. Housefly
- D. Bee

34. A learner tried to shine a torch through a thick piece of cardboard, but no light passed through it. Materials that do not allow light to pass through are called _____ materials.

- A. rough
- B. translucent
- C. transparent
- D. opaque

35. During a computer lesson, learners connected a desktop computer to a source of electrical power. Which item connects the digital device to the power source?

- A. CPU
- B. Monitor
- C. Power cable
- D. Keyboard

36. During a science lesson, learners studied the three main parts of a lever. Which one of the following is NOT a part of a lever?

- A. Fulcrum
- B. Load
- C. Effort
- D. Spade

37. The human body removes waste products such as urine, sweat and other wastes. This process is known as _____.

- A. breathing
- B. sweating
- C. excretion
- D. digestion

38. After food has been chewed, the tongue rolls it into small rounded masses to make swallowing easier. These rounded masses are called _____.

- A. boluses
- B. stones
- C. small particles
- D. balls

39. During an environmental conservation lesson, learners discussed substances that make rivers, lakes and other water sources dirty. Such substances are called _____.

- A. materials
- B. air
- C. pollutants
- D. solids

40. During a computer lesson, the teacher explained that one main part processes instructions and controls many activities of the computer. This part is commonly called the _____.

- A. keyboard
- B. monitor
- C. CPU
- D. hard disk

41. A family kept a burning charcoal jiko inside a poorly ventilated room. This can be dangerous because it may cause _____.

- A. coughing
- B. sneezing
- C. suffocation
- D. cooking

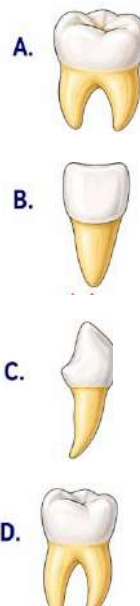
42. During a science experiment, a learner struck a drum and other learners standing around it could hear the sound. This shows that sound travels in _____.

- A. two directions
- B. a straight line only
- C. all directions
- D. one direction

43. During a computer lesson, Aisha wanted to point at and select an icon on the monitor. Which device should she use?



44. During a dental health lesson, learners studied different types of teeth and their functions. Study the drawings below and select the tooth mainly used for holding and tearing food.



45. During a lesson on light, learners identified sources of light found in their environment. Which one of the following is a natural source of light?

- A. Sun
- B. Candle
- C. Torch
- D. Electric bulb

46. During a science lesson, learners learned that solids, liquids and gases are different forms in which matter exists. They are collectively called _____ of matter.

- A. living things
- B. states
- C. environments
- D. materials

47. During a classification activity, learners grouped animals according to whether they had backbones or not. Which one of the following is NOT an invertebrate?

- A. Bee
- B. Locust
- C. Cow
- D. Snail

48. During a night observation activity, learners looked at objects in the sky. Which one of the following cannot normally be seen in the sky at night?

- A. Stars
- B. Clouds
- C. Sun
- D. Moon

49. Before carrying out an activity in the school workshop, learners were required to wear protective equipment. Study the protective device shown below.



Identify the protective device.

- A. Goggles
- B. Boots
- C. Face mask
- D. Gloves

50. During a holiday, children wanted to fly kites in an open field. Which weather condition is best for flying a kite?

- A. Sunny
- B. Windy
- C. Cloudy
- D. Rainy

ANSWERS

1. B
2. C
3. A
4. B
5. B
6. C
7. C
8. D
9. A
10. C
11. D
12. A
13. B
14. D
15. C
16. B
17. D
18. A
19. D
20. B
21. A
22. C
23. C
24. C
25. B
26. C
27. C
28. A
29. A
30. B
31. A
32. C
33. B
34. D
35. C
36. D
37. C
38. A
39. C
40. C
41. C
42. C
43. A
44. C
45. A
46. B
47. C
48. C
49. D
50. B